

```

<html <="" amp-version="2207181727000" class="i-amphtml-singledoc i-
amphtml-standalone" style="cursor: pointer;"><head><style amp-
runtime="">html{overflow-x:hidden!important}html.i-amphtml-
fie{height:100%!important;width:100%!
important}html:not([amp4ads]),html:not([amp4ads]) body{height:auto!
important}html:not([amp4ads]) body{margin:0!important}body{-webkit-text-
size-adjust:100%;-moz-text-size-adjust:100%;-ms-text-size-adjust:100%;text-
size-adjust:100%}html.i-amphtml-singledoc.i-amphtml-embedded{-ms-touch-
action:pan-y pinch-zoom;touch-action:pan-y pinch-zoom}html.i-amphtml-
fie>body,html.i-amphtml-singledoc>body{overflow:visible!important}html.i-
amphtml-fie:not(.i-amphtml-inabox)>body,html.i-amphtml-singledoc:not(.i-
amphtml-inabox)>body{position:relative!important}html.i-amphtml-ios-embed-
legacy>body{overflow-x:hidden!important;overflow-y:auto!
important;position:absolute!important}html.i-amphtml-ios-embed{overflow-
y:auto!important;position:static}#i-amphtml-wrapper{overflow-x:hidden!
important;overflow-y:auto!important;position:absolute!important;top:0!
important;left:0!important;right:0!important;bottom:0!important;margin:0!
important;display:block!important}html.i-amphtml-ios-embed.i-amphtml-ios-
overscroll,html.i-amphtml-ios-embed.i-amphtml-ios-overscroll>#i-amphtml-
wrapper{-webkit-overflow-scrolling:touch!important}#i-amphtml-
wrapper>body{position:relative!important;border-top:1px solid transparent!
important}#i-amphtml-wrapper+body{visibility:visible}#i-amphtml-
wrapper+body .i-amphtml-lightbox-element,#i-amphtml-wrapper+body[i-
amphtml-lightbox]{visibility:hidden}#i-amphtml-wrapper+body[i-amphtml-
lightbox] .i-amphtml-lightbox-element{visibility:visible}#i-amphtml-wrapper.i-
amphtml-scroll-disabled,.i-amphtml-scroll-disabled{overflow-x:hidden!
important;overflow-y:hidden!important}amp-instagram{padding:54px 0px 0px!
important;background-color:#fff}amp-iframe iframe{box-sizing:border-box!
important}[amp-access][amp-access-hide]{display:none}[subscriptions-
dialog],body:not(.i-amphtml-subs-ready) [subscriptions-action],body:not(.i-
amphtml-subs-ready) [subscriptions-section]{display:none!important}amp-
experiment,amp-live-list>[update]{display:none}amp-list[resizable-children]>.i-
amphtml-loading-container.amp-hidden{display:none!important}amp-list [fetch-
error],amp-list[load-more] [load-more-button],amp-list[load-more] [load-more-
end],amp-list[load-more] [load-more-failed],amp-list[load-more] [load-more-
loading]{display:none}amp-list[diffable] div[role=list]{display:block}amp-story-
page,amp-story[standalone]{min-height:1px!important;display:block!
important;height:100%!important;margin:0!important;padding:0!
important;overflow:hidden!important;width:100%!important}amp-
story[standalone]{background-color:#000!important;position:relative!
important}amp-story-page{background-color:#757575}amp-story .amp-
active>div,amp-story .i-amphtml-loader-background{display:none!
important}amp-story-page:not(:first-of-type):not([distance]):not([active])
{transform:translateY(1000vh)!important}amp-autocomplete{position:relative!
important;display:inline-block!important}amp-autocomplete>input,amp-
autocomplete>textarea{padding:0.5rem;border:1px solid rgba(0,0,0,0.33)}.i-
amphtml-autocomplete-results,amp-autocomplete>input,amp-
autocomplete>textarea{font-size:1rem;line-height:1.5rem}[amp-fx^=fly-in]
{visibility:hidden}amp-script[nodom],amp-script[sandboxed]{position:fixed!
important;top:0!important;width:1px!important;height:1px!
important;overflow:hidden!important;visibility:hidden}
/*# sourceMappingURL=/css/ampdoc.css*/[hidden]{display:none!important}.i-amphtml-
element{display:inline-block}.i-amphtml-blurry-placeholder{transition:opacity
0.3s cubic-bezier(0.0,0.0,0.2,1)!important:pointer-events:none}

```

```

[layout=nodisplay]:not(.i-amhtml-element){display:none!important}.i-
amhtml-layout-fixed,[layout=fixed][width][height]:not(.i-amhtml-layout-fixed)
{display:inline-block;position:relative}.i-amhtml-layout-responsive,
[layout=responsive][width][height]:not(.i-amhtml-layout-responsive),[width]
[height][heights]:not([layout]):not(.i-amhtml-layout-responsive),[width][height]
[sizes]:not(img):not([layout]):not(.i-amhtml-layout-responsive)
{display:block;position:relative}.i-amhtml-layout-intrinsic,[layout=intrinsic]
[width][height]:not(.i-amhtml-layout-intrinsic){display:inline-
block;position:relative;max-width:100%}.i-amhtml-layout-intrinsic .i-amhtml-
sizer{max-width:100%}.i-amhtml-intrinsic-sizer{max-
width:100%;display:block!important}.i-amhtml-layout-container,.i-amhtml-
layout-fixed-height,[layout=container],[layout=fixed-height][height]:not(.i-
amhtml-layout-fixed-height){display:block;position:relative}.i-amhtml-layout-
fill,.i-amhtml-layout-fill.i-amhtml-notbuilt,[layout=fill]:not(.i-amhtml-layout-
fill),body noscript>*{display:block;overflow:hidden!
important;position:absolute;top:0;left:0;bottom:0;right:0}body
noscript>*{position:absolute!important;width:100%;height:100%;z-index:2}body
noscript{display:inline!important}.i-amhtml-layout-flex-item,[layout=flex-
item]:not(.i-amhtml-layout-flex-item){display:block;position:relative;-ms-flex:1
1 auto;flex:1 1 auto}.i-amhtml-layout-fluid{position:relative}.i-amhtml-layout-
size-defined{overflow:hidden!important}.i-amhtml-layout-awaiting-
size{position:absolute!important;top:auto!important;bottom:auto!important}.i-
amhtml-sizer{display:block!important}@supports (aspect-ratio:1/1){.i-amhtml-
sizer.i-amhtml-disable-ar{display:none!important}}.i-amhtml-blurry-
placeholder,.i-amhtml-fill-content{display:block;height:0;max-
height:100%;max-width:100%;min-height:100%;min-
width:100%;width:0;margin:auto}.i-amhtml-layout-size-defined .i-amhtml-fill-
content{position:absolute;top:0;left:0;bottom:0;right:0}.i-amhtml-replaced-
content,.i-amhtml-screen-reader{padding:0!important;border:none!
important}.i-amhtml-screen-reader{position:fixed!important;top:0px!
important;left:0px!important;width:4px!important;height:4px!
important;opacity:0!important;overflow:hidden!important;margin:0!
important;display:block!important;visibility:visible!important}.i-amhtml-screen-
reader~.i-amhtml-screen-reader{left:8px!important}.i-amhtml-screen-
reader~.i-amhtml-screen-reader~.i-amhtml-screen-reader{left:12px!
important}.i-amhtml-screen-reader~.i-amhtml-screen-reader~.i-amhtml-
screen-reader~.i-amhtml-screen-reader{left:16px!important}.i-amhtml-
unresolved{position:relative;overflow:hidden!important}.i-amhtml-select-
disabled{-webkit-user-select:none!important;-ms-user-select:none!
important;user-select:none!important}.i-amhtml-notbuilt,[layout]:not(.i-
amhtml-element),[width][height][heights]:not([layout]):not(.i-amhtml-
element),[width][height][sizes]:not(img):not([layout]):not(.i-amhtml-element)
{position:relative;overflow:hidden!important;color:transparent!important}.i-
amhtml-notbuilt:not(.i-amhtml-layout-container)>*,
[layout]:not([layout=container]):not(.i-amhtml-element)>*,[width][height]
[heights]:not([layout]):not(.i-amhtml-element)>*,[width][height]
[sizes]:not([layout]):not(.i-amhtml-element)>*{display:none}amp-img:not(.i-
amhtml-element)[i-amhtml-ssr]>img.i-amhtml-fill-content{display:block}.i-
amhtml-notbuilt:not(.i-amhtml-layout-container),
[layout]:not([layout=container]):not(.i-amhtml-element),[width][height]
[heights]:not([layout]):not(.i-amhtml-element),[width][height]
[sizes]:not(img):not([layout]):not(.i-amhtml-element){color:transparent!
important;line-height:0!important}.i-amhtml-ghost{visibility:hidden!
important}.i-amhtml-element>[placeholder],[layout]:not(.i-amhtml-

```

```

element)>[placeholder],[width][height][heights]:not([layout]):not(.i-amphtml-
element)>[placeholder],[width][height][sizes]:not([layout]):not(.i-amphtml-
element)>[placeholder]{display:block;line-height:normal}.i-amphtml-
element>[placeholder].amp-hidden,.i-amphtml-
element>[placeholder].hidden{visibility:hidden}.i-amphtml-element:not(.amp-
notsupported)>[fallback],.i-amphtml-layout-container>[placeholder].amp-
hidden,.i-amphtml-layout-container>[placeholder].hidden{display:none}.i-
amphtml-layout-size-defined>[fallback],.i-amphtml-layout-size-
defined>[placeholder]{position:absolute!important;top:0!important;left:0!
important;right:0!important;bottom:0!important;z-index:1}amp-img[i-amphtml-
ssr]:not(.i-amphtml-element)>[placeholder]{z-index:auto}.i-amphtml-
notbuilt>[placeholder]{display:block!important}.i-amphtml-hidden-by-media-
query{display:none!important}.i-amphtml-element-error{background:red!
important;color:#fff!important;position:relative!important}.i-amphtml-element-
error:before{content:attr(error-message)}i-amp-scroll-container,i-amphtml-
scroll-container{position:absolute;top:0;left:0;right:0;bottom:0;display:block}i-
amp-scroll-container.amp-active,i-amphtml-scroll-container.amp-
active{overflow:auto;-webkit-overflow-scrolling:touch}.i-amphtml-loading-
container{display:block!important;pointer-events:none;z-index:1}.i-amphtml-
notbuilt>.i-amphtml-loading-container{display:block!important}.i-amphtml-
loading-container.amp-hidden{visibility:hidden}.i-amphtml-element>[overflow]
{cursor:pointer;position:relative;z-index:2;visibility:hidden;display:initial;line-
height:normal}.i-amphtml-layout-size-defined>[overflow]{position:absolute}.i-
amphtml-element>[overflow].amp-
visible{visibility:visible}template{display:none!important}.amp-border-
box,.amp-border-box *,.amp-border-box :after,.amp-border-box :before{box-
sizing:border-box}amp-pixel{display:none!important}amp-analytics,amp-auto-
ads,amp-story-auto-ads{position:fixed!important;top:0!important;width:1px!
important;height:1px!important;overflow:hidden!
important;visibility:hidden}amp-story{visibility:hidden!important}html.i-
amphtml-fie>amp-analytics{position:initial!important}[visible-when-
invalid]:not(.visible),form [submit-error],form [submit-success],form [submitting]
{display:none}amp-accordion{display:block!important}@media (min-width:1px)
{:where(amp-accordion>section)>:first-child{margin:0;background-
color:#efefef;padding-right:20px;border:1px solid #dfdfdf}:where(amp-
accordion>section)>:last-child{margin:0}}amp-accordion>section{float:none!
important}amp-accordion>section>{*{float:none!important;display:block!
important;overflow:hidden!important;position:relative!important}amp-
accordion,amp-accordion>section{margin:0}amp-accordion:not(.i-amphtml-
built)>section>:last-child{display:none!important}amp-accordion:not(.i-
amphtml-built)>section[expanded]>:last-child{display:block!important}
/*# sourceMappingURL=/css/ampshared.css*/</style>

```

```

<meta charset="utf-8">

```

```

<title>Script for converting .ips files from new Apple JSON Crash format (used
on iOS15 devices) to old style type</title>

```

```

<meta name="HandheldFriendly" content="True">
<meta name="viewport" content="width=device-width,minimum-
scale=1,initial-scale=1">

```

```

<link rel="shortcut icon" href="/favicon.png">

```

```

<link rel="shortcut icon" href="/favicon.png" type="image/png">

```

```
<link rel="canonical" href="https://iosexample.com/script-for-converting-ips-
files-from-new-apple-json-crash-format-used-on-ios15-devices-to-old-style-
type/">
```

```
<meta name="referrer" content="no-referrer-when-downgrade">
```

```
<meta property="og:site_name" content="iOS Example">
```

```
<meta property="og:type" content="article">
```

```
<meta property="og:title" content="Script for converting .ips files from new
Apple JSON Crash format (used on iOS15 devices) to old style type">
```

```
<meta property="og:description" content="Script for converting .ips files
from new Apple JSON Crash format (used on iOS15 devices) to old style type">
```

```
<meta property="og:url" content="https://iosexample.com/script-for-
converting-ips-files-from-new-apple-json-crash-format-used-on-ios15-devices-to-
old-style-type/">
```

```
<meta property="article:published_time" content="2021-10-
08T01:15:30.000Z">
```

```
<meta property="article:modified_time" content="2021-10-
08T01:40:36.000Z">
```

```
<meta property="article:tag" content="Script">
```

```
<meta property="article:tag" content="Convert">
```

```
<meta name="twitter:card" content="summary">
```

```
<meta name="twitter:title" content="Script for converting .ips files from new
Apple JSON Crash format (used on iOS15 devices) to old style type">
```

```
<meta name="twitter:description" content="Script for converting .ips files
from new Apple JSON Crash format (used on iOS15 devices) to old style type">
```

```
<meta name="twitter:url" content="https://iosexample.com/script-for-
converting-ips-files-from-new-apple-json-crash-format-used-on-ios15-devices-to-
old-style-type/">
```

```
<meta name="twitter:label1" content="Written by">
```

```
<meta name="twitter:data1" content="iOS Example">
```

```
<meta name="twitter:label2" content="Filed under">
```

```
<meta name="twitter:data2" content="Script, Convert">
```

```
<script type="application/ld+json">
```

```
{
  "@context": "https://schema.org",
  "@type": "Article",
  "publisher": {
    "@type": "Organization",
    "name": "iOS Example",
    "logo": {
      "@type": "ImageObject",
      "url": "https://iosexample.com/favicon.png",
      "width": 60,
      "height": 60
    }
  },
  "author": {
    "@type": "Person",
    "name": "iOS Example",
    "image": {
      "@type": "ImageObject",
```

```

        "url":
        "https://www.gravatar.com/avatar/1f87c1c5e9ccda422d03821987e2cbe5?
s=250&d=mm&r=x",
        "width": 250,
        "height": 250
    },
    "url": "https://iosexample.com/author/ios/",
    "sameAs": []
},
"headline": "Script for converting .ips files from new Apple JSON Crash format
(used on iOS15 devices) to old style type",
"url": "https://iosexample.com/script-for-converting-ips-files-from-new-apple-
json-crash-format-used-on-ios15-devices-to-old-style-type/",
"datePublished": "2021-10-08T01:15:30.000Z",
"dateModified": "2021-10-08T01:40:36.000Z",
"keywords": "Script, Convert",
"description": "Script for converting .ips files from new Apple JSON Crash
format (used on iOS15 devices) to old style type",
"mainEntityOfPage": {
    "@type": "WebPage",
    "@id": "https://iosexample.com/"
}
}
</script>

```

```

<meta name="generator" content="Ghost 1.26">
<link rel="alternate" type="application/rss+xml" title="iOS Example"
href="https://iosexample.com/rss/">

```

```

<link rel="stylesheet" type="text/css"
href="https://fonts.googleapis.com/css?
family=Merriweather:300,700,700italic,300italic|Open+Sans:700,600,400">
<style amp-custom="">html{font-family:sans-serif;-ms-text-size-
adjust:100%;-webkit-text-size-
adjust:100%}body{margin:0}article,aside,details,figcaption,figure,footer,header,
main,menu,nav,section,summary{display:block}audio,canvas,progress,video{dis-
play:inline-block;vertical-align:baseline}audio:not([controls])
{display:none;height:0}[hidden],template{display:none}a{background-
color:transparent}a:active,a:hover{outline:0}abbr[title]{border-bottom:1px
dotted}b,strong{font-weight:bold}dfn{font-style:italic}h1{margin:0.67em
0;font-size:2em}mark{background:#ff0;color:#000}small{font-
size:80%}sub,sup{position:relative;vertical-align:baseline;font-size:75%;line-
height:0}sup{top:-0.5em}sub{bottom:-0.25em}img{border:0}amp-
img{border:0}svg:not(:root){overflow:hidden}figure{margin:1em 40px}hr{box-
sizing:content-box;height:0}pre{overflow:auto}code,kbd,pre,samp{font-
family:monospace, monospace;font-
size:1em}button,input,optgroup,select,textarea{margin:0;color:inherit;font:inher-
it}button{overflow:visible}button,select{text-transform:none}button,html
input[type="button"],input[type="reset"],input[type="submit"]{cursor:pointer;-
webkit-appearance:button}button[disabled],html input[disabled]
{cursor:default}button::-moz-focus-inner,input::-moz-focus-
inner{padding:0;border:0}input{line-
height:normal}input[type="checkbox"],input[type="radio"]{box-sizing:border-
box;padding:0}input[type="number"]::-webkit-inner-spin-

```

```
button,input[type="number"]::-webkit-outer-spin-
button{height:auto}input[type="search"]{-webkit-
appearance:textfield}input[type="search"]::-webkit-search-cancel-
button,input[type="search"]::-webkit-search-decoration{-webkit-
appearance:none}fieldset{margin:0 2px;padding:0.35em 0.625em
0.75em;border:1px solid
#c0c0c0}legend{padding:0;border:0}textarea{overflow:auto}optgroup{font-
weight:bold}table{border-spacing:0;border-
collapse:collapse}td,th{padding:0}html{max-height:100%;height:100%;font-
size:62.5%;-webkit-tap-highlight-color:rgba(0, 0, 0, 0)}body{max-
height:100%;height:100%;color:#3a4145;background:#f4f8fb;letter-
spacing:0.01rem;font-family:"Merriweather", serif;font-size:1.8rem;line-
height:1.75em;text-rendering:geometricPrecision;-webkit-font-feature-
settings:"kern" 1;-moz-font-feature-settings:"kern" 1;-o-font-feature-
settings:"kern" 1}::-moz-
selection{background:#d6edff}::selection{background:#d6edff}h1,h2,h3,h4,h5,
h6{margin:0 0 0.3em 0;color:#2e2e2e;font-family:"Open Sans", sans-serif;line-
height:1.15em;text-rendering:geometricPrecision;-webkit-font-feature-
settings:"dlig" 1, "liga" 1, "lnum" 1, "kern" 1;-moz-font-feature-settings:"dlig" 1,
"liga" 1, "lnum" 1, "kern" 1;-o-font-feature-settings:"dlig" 1, "liga" 1, "lnum" 1,
"kern" 1}h1{text-indent:-2px;letter-spacing:-1px;font-size:2.6rem}h2{letter-
spacing:0;font-size:2.4rem}h3{letter-spacing:-0.6px;font-size:2.1rem}h4{font-
size:1.9rem}h5{font-size:1.8rem}h6{font-
size:1.8rem}a{color:#4a4a4a}a:hover{color:#111}p,ul,ol,dl{margin:0 0 2.5rem
0;font-size:1.5rem;text-rendering:geometricPrecision;-webkit-font-feature-
settings:"liga" 1, "onum" 1, "kern" 1;-moz-font-feature-settings:"liga" 1, "onum"
1, "kern" 1;-o-font-feature-settings:"liga" 1, "onum" 1, "kern" 1}ol,ul{padding-
left:2em}ol ol,ul ul,ul ol,ol ul{margin:0 0 0.4em 0;padding-left:2em}dl
dt{float:left;clear:left;overflow:hidden;margin-bottom:1em;width:180px;text-
align:right;text-overflow:ellipsis;white-space:nowrap;font-weight:700}dl
dd{margin-bottom:1em;margin-left:200px}li{margin:0.4em 0}li
li{margin:0}hr{display:block;margin:1.75em
0;padding:0;height:1px;border:0;border-top:#efefef 1px solid}blockquote{box-
sizing:border-box;margin:1.75em 0 1.75em 0;padding:0 0 0 1.75em;border-
left:#4a4a4a 0.4em solid;-moz-box-sizing:border-box}blockquote
p{margin:0.8em 0;font-style:italic}blockquote small{display:inline-
block;margin:0.8em 0 0.8em 1.5em;color:#ccc;font-size:0.9em}blockquote
small:before{content:"\2014 \00A0"}blockquote cite{font-
weight:700}blockquote cite a{font-weight:normal}mark{background-
color:#fdffb6}code,tt{padding:1px 3px;border:#e3edf3 1px
solid;background:#f7fafb;border-radius:2px;white-space:pre-wrap;font-
family:Inconsolata, monospace, sans-serif;font-size:0.85em;font-feature-
settings:"liga" 0;-webkit-font-feature-settings:"liga" 0;-moz-font-feature-
settings:"liga" 0}pre{overflow:auto;box-sizing:border-box;margin:0 0 1.75em
0;padding:10px;width:100%;border:#e3edf3 1px
solid;background:#f7fafb;border-radius:3px;white-space:pre;font-
family:Inconsolata, monospace, sans-serif;font-size:0.9em;-moz-box-
sizing:border-box}pre code,pre
tt{padding:0;border:none;background:transparent;white-space:pre-wrap;font-
size:inherit}kbd{display:inline-block;margin-bottom:0.4em;padding:1px
8px;border:#ccc 1px solid;background:#f4f4f4;border-radius:4px;box-shadow:0
1px 0 rgba(0, 0, 0, 0.2), 0 1px 0 0 #fff inset;color:#666;text-shadow:#fff 0 1px
0;font-size:0.9em;font-weight:700}table{box-sizing:border-box;margin:1.75em
0;max-width:100%;width:100%;background-color:transparent;-moz-box-
```

```

sizing:border-box}table th,table td{padding:8px;border-top:#efefef 1px
solid;vertical-align:top;text-align:left;line-height:20px}table th{color:#000}table
caption + thead tr:first-child th,table caption + thead tr:first-child td,table
colgroup + thead tr:first-child th,table colgroup + thead tr:first-child td,table
thead:first-child tr:first-child th,table thead:first-child tr:first-child td{border-
top:0}table tbody + tbody{border-top:#efefef 2px solid}table table
table{background-color:#fff}table tbody > tr:nth-child(odd) > td,table tbody >
tr:nth-child(odd) > th{background-color:#f6f6f6}table.plain tbody > tr:nth-
child(odd) > td,table.plain tbody > tr:nth-child(odd) >
th{background:transparent}iframe,amp-iframe,.fluid-width-video-
wrapper{display:block;margin:1.75em 0}.fluid-width-video-wrapper iframe,.fluid-
width-video-wrapper amp-iframe{margin:0}textarea,select,input{margin:0 0 5px
0;padding:6px 9px;width:260px;outline:0;border:#e7eef2 1px
solid;background:#fff;border-radius:4px;box-shadow:none;font-family:"Open
Sans", sans-serif;font-size:1.6rem;line-height:1.4em;font-weight:100;-webkit-
appearance:none}textarea{min-width:250px;min-height:80px;max-
width:340px;width:100%;height:auto}input[type="text"]:focus,input[type="email"]:focus,
input[type="search"]:focus,input[type="tel"]:focus,input[type="url"]:focus,
input[type="password"]:focus,input[type="number"]:focus,input[type="date"]:focus,
input[type="month"]:focus,input[type="week"]:focus,input[type="time"]:focus,
input[type="datetime"]:focus,input[type="datetime-
local"]:focus,textarea:focus{outline:none;outline-width:0;border:#bbc7cc 1px
solid;background:#fff}select{width:270px;height:30px;line-
height:30px}.clearfix:before,.clearfix:after{content:
";display:table}.clearfix:after{clear:both}.clearfix{zoom:1}.main-
header{position:relative;display:table;overflow:hidden;box-sizing:border-
box;width:100%;height:50px;background:#5ba4e5 no-repeat center
center;background-size:cover;text-align:left;-webkit-box-sizing:border-box;-moz-
box-sizing:border-box}.content{background:#fff;padding-top:15px}.blog-
title,.content{margin:auto;max-width:600px}.blog-title a{display:block;padding-
right:16px;padding-left:16px;height:50px;color:#fff;text-decoration:none;font-
family:"Open Sans", sans-serif;font-size:16px;line-height:50px;font-
weight:600}.post{position:relative;margin-top:0;margin-right:16px;margin-
left:16px;padding-bottom:0;max-width:100%;border-bottom:#ebf2f6 1px
solid;word-wrap:break-word;font-size:0.95em;line-height:1.65em}.post-
header{margin-bottom:1rem}.post-title{margin-bottom:0}.post-title a{text-
decoration:none}.post-meta{display:block;margin:3px 0 0 0;color:#9eabb3;font-
family:"Open Sans", sans-serif;font-size:1.3rem;line-height:2.2rem}.post-meta
a{color:#9eabb3;text-decoration:none}.post-meta a:hover{text-
decoration:underline}.post-meta .author{margin:0;font-size:1.3rem;line-
height:1.3em}.post-date{display:inline-block;text-transform:uppercase;white-
space:nowrap;font-size:1.2rem;line-height:1.2em}.post-
image{margin:0;padding-top:3rem;padding-bottom:30px;border-top:1px
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anim{position:relative;left:50%;display:block;padding:0;min-width:0;max-
width:112%;width:calc(100% + 32px);height:auto;transform:translateX(-50%);-
webkit-transform:translateX(-50%);-ms-transform:translateX(-
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li{margin:0.6rem 0}.footnotes p{margin:0}.footnotes p a:last-child{text-
decoration:none}.site-footer{position:relative;margin:0 auto 20px
auto;padding:1rem 15px;max-width:600px;color:rgba(0,0,0,0.5);font-
family:"Open Sans", sans-serif;font-size:1.1rem;line-height:1.75em}.site-footer
a{color:rgba(0,0,0,0.5);text-decoration:none;font-weight:bold}.site-footer
a:hover{border-bottom:#bbc7cc 1px

```

solid}.poweredby{display:block;float:right;width:45%;text-align:right}.copyright{display:block;float:left;width:45%}</style>

```
<style amp-boilerplate="">body{-webkit-animation:-amp-start 8s steps(1,end) 0s 1 normal both;-moz-animation:-amp-start 8s steps(1,end) 0s 1 normal both;-ms-animation:-amp-start 8s steps(1,end) 0s 1 normal both;animation:-amp-start 8s steps(1,end) 0s 1 normal both}@-webkit-keyframes -amp-start{from{visibility:hidden}to{visibility:visible}}@-moz-keyframes -amp-start{from{visibility:hidden}to{visibility:visible}}@-ms-keyframes -amp-start{from{visibility:hidden}to{visibility:visible}}@-o-keyframes -amp-start{from{visibility:hidden}to{visibility:visible}}@keyframes -amp-start{from{visibility:hidden}to{visibility:visible}}</style><noscript>&lt;style amp-boilerplate&gt;body{-webkit-animation:none;-moz-animation:none;-ms-animation:none;animation:none}&lt;/style&gt;</noscript>
<script async="" src="https://cdn.ampproject.org/v0.js"></script>
```

```
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```

<body class="amp-template amp-dark-mode amp-mode-touch" style="opacity: 1; visibility: visible; animation: 0s ease 0s 1 normal none running none;">

<header class="main-header">

<nav class="blog-title">

iOS Example

</nav>

</header>

<main class="content" role="main">

<article class="post">

<header class="post-header">

<h1 class="post-title">Script for converting .ips files from new Apple JSON Crash format (used on iOS15 devices) to old style type</h1>

<section class="post-meta">

<p class="author">by iOS Example</p>

<time class="post-date"

datetime="2021-10-08">2021-10-08</time>

</section>

</header>


```
<section class="post-content">

    <h1><a id="user-content-applecrashscripts" class="anchor" aria-
hidden="true" href="#applecrashscripts"></a>AppleCrashScripts</h1>
<p>convertFromJSON.swift</p>
<ul>
<li>script for converting .ips files from new Apple JSON Crash format (used on
iOS15 devices) to old style type crash report:</li>
</ul>
<p><code>swift convertFromJSON.swift -i {your_json_ips_file} -o
{name_for_file_where_crash_will_be_saved}</code></p>
<p>symbolicate.swift</p>
<ul>
<li>script symbolicates crash report. It looks for the right dSYM files itself - you
don't have to specify which one to use. Especially useful when you have a lot of
dSYM files and you don't remember which one is the one. Simply put the script
on the file system in the same directory where dSYM files are stored(unzipped!).
Then call the script telling which crash report you want to symbolicate:</li>
</ul>
<p><code>swift symbolicate.swift -crash {your_crash_file_name}</code></p>
<h2 id="github">GitHub</h2>
<p><a class="github-view" href="https://github.com/tomieq/AppleCrashScripts?
ref=iosexample.com" target="_blank" rel="nofollow
noopener">https://github.com/tomieq/AppleCrashScripts</a></p>
```

```
</section>

</article>
</main>
<footer class="site-footer clearfix">
    <section class="copyright"><a href="https://iosexample.com">iOS
Example</a> © 2022</section>
    <section class="poweredby">Proudly published with <a
href="https://ghost.org">Ghost</a></section>
</footer>
```

```
</body></html>
```

```
<html lang="en" data-color-mode="auto" data-light-theme="light" data-dark-
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type="text/css">.turbo-progress-bar {
  position: fixed;
  display: block;
  top: 0;
  left: 0;
  height: 3px;
  background: #0076ff;
  z-index: 2147483647;
  transition:
    width 300ms ease-out,
    opacity 150ms 150ms ease-in;
  transform: translate3d(0, 0, 0);
```

```
}
</style>
  <meta charset="utf-8">
  <link rel="dns-prefetch" href="https://github.githubassets.com">
  <link rel="dns-prefetch" href="https://avatars.githubusercontent.com">
  <link rel="dns-prefetch" href="https://github-cloud.s3.amazonaws.com">
  <link rel="dns-prefetch" href="https://user-images.githubusercontent.com/">
  <link rel="preconnect" href="https://github.githubassets.com" crossorigin="">
  <link rel="preconnect" href="https://avatars.githubusercontent.com">
```

```
  <link crossorigin="anonymous" media="all" integrity="sha512-
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crossorigin="anonymous" media="all" integrity="sha512-
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data-color-theme="dark_dimmed" crossorigin="anonymous" media="all"
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data-href="https://github.githubassets.com/assets/dark_dimmed-
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crossorigin="anonymous" media="all" integrity="sha512-
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data-href="https://github.githubassets.com/assets/dark_high_contrast-
1c8575b36644.css"><link data-color-theme="dark_colorblind"
crossorigin="anonymous" media="all" integrity="sha512-
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data-href="https://github.githubassets.com/assets/dark_colorblind-
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crossorigin="anonymous" media="all" integrity="sha512-
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data-href="https://github.githubassets.com/assets/dark_tritanopia-2171ea0f078b.css">

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href="https://github.githubassets.com/assets/code-3d7b701fc6eb.css">

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"treatment"}}], "id": "20652570897",
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&quot;086e2abe64e9101112af53b95d2d90b9&quot;; &quot;upstart&quot;;  
&quot;bae688df9d297afac98e2d254e912ada&quot;; &quot;control&quot;;  
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src="https://github.githubassets.com/assets/codespaces-f796ad9ad7a3.js"></
script>
<script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-
cQqJbzAs26L5S2gGUDcoMtQojw730pJUVTR56j+IUEay3fem8eX0x2w87B4ggDiPjA
z7H/bp/AM6C82uf/m03Q=="
src="https://github.githubassets.com/assets/vendors-node_modules_github_mini-
throttle_dist_decorators_js-node_modules_github_remote-form_-65a541-
710a896f36ac.js"></script>
<script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-f/7QW6/re871sCPOZwb8QNzGxl95Rf95am57+GCVvdeTTo01d
fEe7rZg2Dz6DOmxcaRSbQtsLGo29u5mT+XqcQ=="
src="https://github.githubassets.com/assets/vendors-node_modules_github_file-
attachment-element_dist_index_js-node_modules_github_filter--8b2f15-
7ffed05bafeb.js"></script>
<script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-
ZJjumgoy1JW8w1cBS+AeolqxM1nKSRwVMiZRQQ8TL2Zrbj7SLKoUyBb7/8MYP6gm
6wDG46A/a5BRZMeyWVKfpQ=="
src="https://github.githubassets.com/assets/repositories-6498ee9a0a32.js"></
script>
```

```
<script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-2rS2mk8k3nqrfOmfAECK35UWWuKwh1v/JSXks5IRy9YaQMAwi
qzXphHYAe0KKPXIAUHH/1ByRuBOMEKgmicwpw=="
src="https://github.githubassets.com/assets/topic-suggestions-
dab4b69a4f24.js"></script>
<script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-
A+ijFMdzsqqaXPpTnsqFFXNYmJXY8OKaUJQyKJkOqNk1vXwhi96HzNzWjZN7ZfiN9
m0WGYqE04Wo2Esj2InRg==" src="https://github.githubassets.com/assets/code-
menu-03e88914c773.js"></script>
```

<title>GitHub - tomieq/AppleCrashScripts at ioexample.com</title>

```
<meta name="request-id" content="F784:9A7A:4CBFF6E:5180307:62E85E6D"
data-pjax-transient="true"><meta name="html-safe-nonce"
content="bd677f9289902fa99fe70a19292e632f1eb0092ac47db91950166dfc036
4a3d5" data-pjax-transient="true"><meta name="visitor-payload"
content="eyJyZWZlcnJlcil6Imh0dHBzOi8vaW9zZXhhbXBsZS5jb20vc2NyaXB0LWZ
vci1jb252ZXJ0aW5nLWlwcy1maWxlcylmcm9tLW5ldy1hcHBsZS1qc29uLWNyYXN
oLWZvcmlhdC11c2VkLW9uLWlvczE1LWRldmljZXMTdG8tb2xkLXN0eWxILXR5cGU
vYW1wLyIsInJlcXVlc3RfaWQiOiJGNzg0OjBN0E6NENCRkY2RT01MTgwMzA3OjYyRT
g1RTZElwidmlzaXRvcml9pZCI6IjU4ODY1OTE0OTc5MTI0NzUyNDYiLCJyZWdpb25fZ
WRnZSI6ImZyYSIsInJlZ2lvdj9yZW5kZXIiOiJmcmEifQ==" data-pjax-
transient="true"><meta name="visitor-hmac"
content="8fa39c1c45fbc7e49bb117593372ac027082e57b9a07692bf5d15caf31b
0937c" data-pjax-transient="true">
```

```
<meta name="hovercard-subject-tag" content="repository:414477389" data-
pjax-transient="">
```

```
<meta name="github-keyboard-shortcuts" content="repository" data-pjax-
transient="true">
```

```
<meta name="selected-link" value="repo_source" data-pjax-transient="">
```

```
<meta name="google-site-verification" content="c1kuD-
K2HIVF635lypcsWPoD4kilo5-jA_wBFyT4uMY">
```

```
<meta name="google-site-verification"
content="KT5gs8h0wvaagLKAVWq8bbeNwnZZK1r1XQysX3xurLU">
```

```
<meta name="google-site-verification" content="ZzhVyEFwb7w3e0-
uOTlrm8Jsck2F5StVihD0exw2fsA">
```

```
<meta name="google-site-verification" content="GXs5KoUUkNCoaAZn7wPN-
t01Pywp9M3sEjnt_3_ZWPc">
```

```
<meta name="octolytics-url"
content="https://collector.github.com/github/collect">
```

```
<meta name="analytics-location"
content="/<user-name>/<repo-name>/files/disambiguate" data-pjax-
transient="true">
```

```
<meta name="user-login" content="">
```

```
<meta name="viewport" content="width=device-width">
```

```
<meta name="description" content="Tool that converts Apple crash report
from json to old style stack - GitHub - tomieq/AppleCrashScripts at
iosexample.com">
```

```
<link rel="search" type="application/opensearchdescription+xml"
href="/opensearch.xml" title="GitHub">
```

```
<link rel="fluid-icon" href="https://github.com/fluidicon.png" title="GitHub">
```

```
<meta property="fb:app_id" content="1401488693436528">
```

```
<meta name="apple-itunes-app" content="app-id=1477376905">
```

```
<meta name="twitter:image:src"
```

```
content="https://opengraph.githubassets.com/bcb2749c293f4e206253ad07e2b0
5462cab391729e88732c8e2fc06e3ecab714/tomieq/AppleCrashScripts"><meta
name="twitter:site" content="@github"><meta name="twitter:card"
content="summary_large_image"><meta name="twitter:title" content="GitHub
- tomieq/AppleCrashScripts at iosexample.com"><meta
name="twitter:description" content="Tool that converts Apple crash report from
json to old style stack - GitHub - tomieq/AppleCrashScripts at iosexample.com">
```

```
<meta property="og:image"
```

```
content="https://opengraph.githubassets.com/bcb2749c293f4e206253ad07e2b0
5462cab391729e88732c8e2fc06e3ecab714/tomieq/AppleCrashScripts"><meta
property="og:image:alt" content="Tool that converts Apple crash report from
json to old style stack - GitHub - tomieq/AppleCrashScripts at
iosexample.com"><meta property="og:image:width" content="1200"><meta
property="og:image:height" content="600"><meta property="og:site_name"
content="GitHub"><meta property="og:type" content="object"><meta
property="og:title" content="GitHub - tomieq/AppleCrashScripts at
iosexample.com"><meta property="og:url"
```

```
content="https://github.com/tomieq/AppleCrashScripts"><meta
property="og:description" content="Tool that converts Apple crash report from
json to old style stack - GitHub - tomieq/AppleCrashScripts at iosexample.com">
```

```
<link rel="assets" href="https://github.githubassets.com/">
```

```
<meta name="hostname" content="github.com">
```

```
<meta name="expected-hostname" content="github.com">

<meta name="enabled-features"
content="IMAGE_METRIC_TRACKING,GEOJSON_AZURE_MAPS">

<meta http-equiv="x-pjax-version"
content="a61b8e271701656cf652f363fea856c63d272edd9881ccee0c718926e7
e68c19" data-turbo-track="reload">
<meta http-equiv="x-pjax-csp-version"
content="171483bb7fa1e692e90fd1050e6472447a67ec3e4df764579d3e8998be
e757d8" data-turbo-track="reload">
<meta http-equiv="x-pjax-css-version"
content="b149fe36a2dac4973e4feb7c3dacc0ceae51247b58057120bcda5338a8
33966b" data-turbo-track="reload">
<meta http-equiv="x-pjax-js-version"
content="4b3653ccda5ec55afff03526548eda7db1dbcce2150a3c9f6a13658ecba
d8aa5" data-turbo-track="reload">

<meta name="turbo-cache-control" content="no-preview" data-pjax-
transient="">

<meta name="go-import" content="github.com/tomieq/AppleCrashScripts git
https://github.com/tomieq/AppleCrashScripts.git">

<meta name="octolytics-dimension-user_id" content="9460170"><meta
name="octolytics-dimension-user_login" content="tomieq"><meta
name="octolytics-dimension-repository_id" content="414477389"><meta
name="octolytics-dimension-repository_nwo"
content="tomieq/AppleCrashScripts"><meta name="octolytics-dimension-
repository_public" content="true"><meta name="octolytics-dimension-
repository_is_fork" content="false"><meta name="octolytics-dimension-
repository_network_root_id" content="414477389"><meta name="octolytics-
dimension-repository_network_root_nwo" content="tomieq/AppleCrashScripts">

<link rel="canonical" href="https://github.com/tomieq/AppleCrashScripts"
data-pjax-transient="">
<meta name="turbo-body-classes" content="logged-out env-production page-
responsive">

<meta name="browser-stats-url"
content="https://api.github.com/_private/browser/stats">

<meta name="browser-errors-url"
content="https://api.github.com/_private/browser/errors">

<meta name="browser-optimizely-client-errors-url"
content="https://api.github.com/_private/browser/optimizely_client/errors">
```



```

<link rel="mask-icon" href="https://github.githubassets.com/pinned-
octocat.svg" color="#000000">
<link rel="alternate icon" class="js-site-favicon" type="image/png"
href="https://github.githubassets.com/favicons/favicon-dark.png">
<link rel="icon" class="js-site-favicon" type="image/svg+xml"
href="https://github.githubassets.com/favicons/favicon-dark.svg">

<meta name="theme-color" content="#1e2327">
<meta name="color-scheme" content="light dark">

<link rel="apple-touch-icon" href="https://github.githubassets.com/apple-
touch-icon.png">
<link rel="apple-touch-icon" sizes="180x180"
href="https://github.githubassets.com/apple-touch-icon-180x180.png">
<meta name="apple-mobile-web-app-title" content="GitHub">

<link rel="manifest" href="/manifest.json" crossorigin="use-credentials">

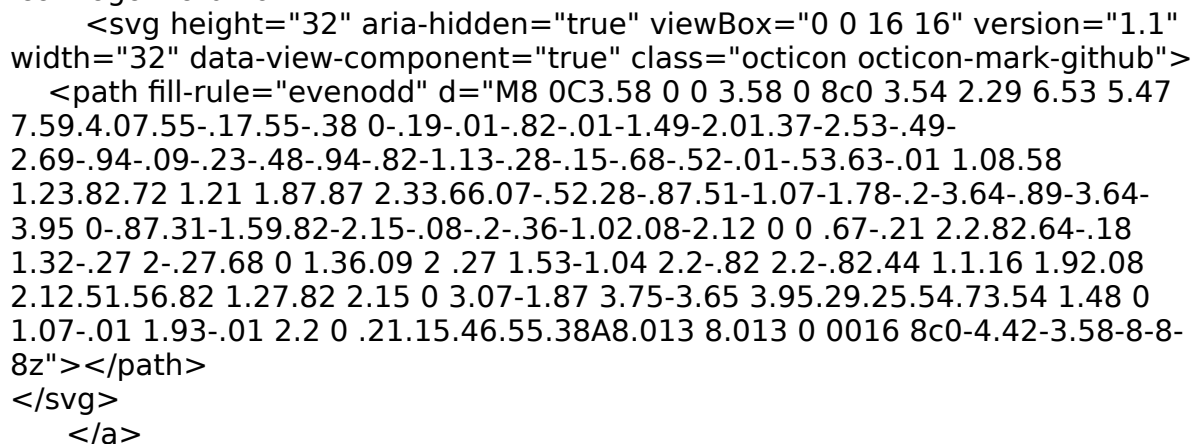
</head>

<body class="logged-out env-production page-responsive" style="word-wrap:
break-word;">

  <div class="position-relative js-header-wrapper ">
    <a href="#start-of-content" class="px-2 py-4 color-bg-accent-emphasis
color-fg-on-emphasis show-on-focus js-skip-to-content">Skip to content</a>
    <span data-view-component="true" class="progress-pjax-loader js-pjax-
loader-bar Progress position-fixed width-full">
      <span style="width: 0%;" data-view-component="true" class="Progress-item
progress-pjax-loader-bar left-0 top-0 color-bg-accent-emphasis"></span>
    </span>

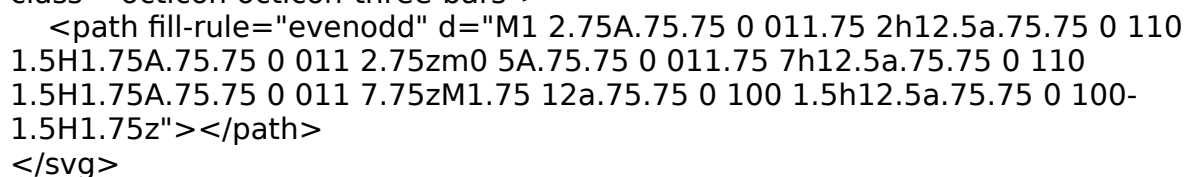
    <script crossorigin="anonymous" defer="defer"
type="application/javascript" integrity="sha512-
XuPRbGVej1NDP7Zyq7fBPsxmaaaAHjV+vW5vQwhRi+k0C0ADFEfw5lqgoS+Z/
3XI3QXgacTAEdZZi7vjbKCR21w=="
src="https://github.githubassets.com/assets/vendors-
node_modules_github_remote-form_dist_index_js-node_modules_delegated-
events_dist_inde-94fd67-5ee3d16c655e.js"></script>
    <script crossorigin="anonymous" defer="defer" type="application/javascript"
integrity="sha512-CejWN1w/QjbOG5EH1fhNyPkPpg4nInnprTALGEaox9Elu1bcW2
zEoX+fELCZABRe4/cmv+6Tna/5OlpxsXd6+A=="
src="https://github.githubassets.com/assets/sessions-09e8d6375c3f.js"></
script>
    <header class="Header-old header-logged-out js-details-container Details
position-relative f4 py-2" role="banner">
      <div class="container-xl d-lg-flex flex-items-center p-responsive">
        <div class="d-flex flex-justify-between flex-items-center">

```

The GitHub logo, which is a stylized octocat (an octopus with a cat's face) inside a square. The logo is rendered in a dark gray color. The SVG code defines the octocat's shape using a series of connected line segments.

</div>

Sign up

The hamburger menu icon, which consists of three horizontal bars of equal length and thickness, stacked vertically. The icon is rendered in a dark gray color. The SVG code defines the shape of the bars using a series of connected line segments.

</button> </div>
</div>

```
<div class="HeaderMenu HeaderMenu--logged-out position-fixed top-0 right-0
bottom-0 height-fit position-lg-relative d-lg-flex flex-justify-between flex-items-
center flex-auto">
```

```
<div class="d-flex d-lg-none flex-justify-end border-bottom color-bg-subtle p-
3">
```

```
<button aria-label="Toggle navigation" aria-expanded="false"
type="button" data-view-component="true" class="js-details-target btn-link">
<svg aria-hidden="true" height="24" viewBox="0 0 24 24" version="1.1"
width="24" data-view-component="true" class="octicon octicon-x color-fg-
muted">
```

```
<path fill-rule="evenodd" d="M5.72 5.72a.75.75 0 011.06 0L12 10.94l5.22-
5.22a.75.75 0 111.06 1.06L13.06 12l5.22 5.22a.75.75 0 11-1.06 1.06L12 13.06l-
5.22 5.22a.75.75 0 01-1.06-1.06L10.94 12 5.72 6.78a.75.75 0
010-1.06z"></path>
</svg>
```

```
</button> </div>
```

```
<nav class="mt-0 px-3 px-lg-0 mb-5 mb-lg-0" aria-label="Global">
```

```
<ul class="d-lg-flex list-style-none">
```

```
<li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
```

```
<details class="HeaderMenu-details details-overlay details-reset width-full">
```

```
<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-
0 no-wrap d-block d-lg-inline-block">
```

```
Product
```

```
<svg x="0" y="0" viewBox="0 0 14 8" xml:space="preserve" fill="none"
class="icon-chevron-down-mktg position-absolute position-lg-relative"><path
d="M1,1l6.2,6L13,1"></path></svg>
```

```
</summary>
```

```
<div class="dropdown-menu flex-auto rounded px-0 mt-0 pb-4 p-lg-4
position-relative position-lg-absolute left-0 left-lg-n4">
```

```
<ul class="list-style-none f5 pb-1">
```

```
<li>
```

```
<a class="lh-condensed-ultra d-block no-underline position-relative Link--
primary text-bold py-2" data-analytics-
event="{&quot;category&quot;:&quot;Header dropdown (logged out),
Product&quot;,&quot;action&quot;:&quot;click to go to
Features&quot;,&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Features&quot;}" href="/features">
```

```
Features
```

```
</a> </li>
```

```
<li>
```

```
<a class="lh-condensed-ultra d-block no-underline position-relative Link--
secondary py-2" data-analytics-event="{&quot;category&quot;:&quot;Header
dropdown (logged out), Product&quot;,&quot;action&quot;:&quot;click to go to
Mobile&quot;,&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Mobile&quot;}" href="/mobile">
```

```
Mobile
```

```
</a> </li>
```

```
<li>
```


Actions

Codespaces

Copilot

Packages

Security

Code review

Issues

Discussions

Integrations

GitHub Sponsors

Customer stories

</div>

```
</details>
</li>
```

```
<li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
```

```
<a class="HeaderMenu-link no-underline py-3 d-block d-lg-inline-block" data-
analytics-event="{&quot;category&quot;:&quot;Header menu top item (logged
out)&quot;,&quot;action&quot;:&quot;click to go to
Team&quot;,&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Team;&quot;}" href="/team">Team</a>
</li>
```

```
<li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
```

```
<a class="HeaderMenu-link no-underline py-3 d-block d-lg-inline-block" data-
analytics-event="{&quot;category&quot;:&quot;Header menu top item (logged
out)&quot;,&quot;action&quot;:&quot;click to go to
Enterprise&quot;,&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Enterprise;&quot;}"
href="/enterprise">Enterprise</a>
</li>
```

```
<li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
```

```
<details class="HeaderMenu-details details-overlay details-reset width-full">
<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-
0 no-wrap d-block d-lg-inline-block">
```

```
Explore
```

```
<svg x="0" y="0" viewBox="0 0 14 8" xml:space="preserve" fill="none"
class="icon-chevron-down-mktg position-absolute position-lg-relative"><path
d="M1,1l6.2,6L13,1"></path></svg>
```

```
</summary>
```

```
<div class="dropdown-menu flex-auto rounded px-0 mt-0 pb-4 p-lg-4
position-relative position-lg-absolute left-0 left-lg-n4">
```

```
<ul class="list-style-none f5 pb-1">
```

```
<li>
```

```
<a class="lh-condensed-ultra d-block no-underline position-relative Link--
primary text-bold py-2" data-analytics-
```

```
event="{&quot;category&quot;:&quot;Header dropdown (logged out),
Explore&quot;,&quot;action&quot;:&quot;click to go to Explore
GitHub&quot;,&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Explore GitHub;&quot;}" href="/explore">
```

```
Explore GitHub
```

```
</a> </li>
```

```
<li class="color-fg-muted text-normal f6 text-mono mb-1 border-top pt-
3 mt-3 mb-1">Learn and contribute</li>
```

```
<li>
```

Topics

Collections

Trending

Skills

GitHub Sponsors

Open source guides

Connect with others

[The ReadME Project](#)

[Events](#)

[Community forum](https://github.community)

[GitHub Education](https://education.github.com)

[GitHub Stars program](#)


```
ref=ioexample.com;ref_cta:GitHub Stars program;&quot;}"
href="https://stars.github.com">
  GitHub Stars program
</a> </li>
```

```
    </ul>
  </div>
</details>
</li>
```

```
    <li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
  <a class="HeaderMenu-link no-underline py-3 d-block d-lg-inline-block" data-
analytics-event="{&quot;category&quot;:&quot;Header menu top item (logged
out)&quot;;&quot;action&quot;:&quot;click to go to
Marketplace&quot;;&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Marketplace;&quot;}"
href="/marketplace">Marketplace</a>
</li>
```

```
    <li class="mr-0 mr-lg-3 position-relative flex-wrap flex-justify-between
flex-items-center border-bottom border-lg-bottom-0 d-block d-lg-flex flex-lg-
nowrap flex-lg-items-center">
  <details class="HeaderMenu-details details-overlay details-reset width-full">
    <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-
0 no-wrap d-block d-lg-inline-block">
      Pricing
      <svg x="0" y="0" viewBox="0 0 14 8" xml:space="preserve" fill="none"
class="icon-chevron-down-mktg position-absolute position-lg-relative"><path
d="M1,1l6.2,6L13,1"></path></svg>
    </summary>
    <div class="dropdown-menu flex-auto rounded px-0 mt-0 pb-4 p-lg-4
position-relative position-lg-absolute left-0 left-lg-n4">
      <ul class="list-style-none f5 pb-1">
        <li>
          <a class="lh-condensed-ultra d-block no-underline position-relative Link--
primary text-bold py-2" data-analytics-
event="{&quot;category&quot;:&quot;Header dropdown (logged out),
Pricing&quot;;&quot;action&quot;:&quot;click to go to
Plans&quot;;&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
ref=ioexample.com;ref_cta:Plans;&quot;}" href="/pricing">
            Plans
          </a> </li>
```

```
        <li>
          <a class="lh-condensed-ultra d-block no-underline position-relative Link--
secondary py-2" data-analytics-event="{&quot;category&quot;:&quot;Header
dropdown (logged out), Pricing&quot;;&quot;action&quot;:&quot;click to go to
Compare
plans&quot;;&quot;label&quot;:&quot;ref_page:/tomieq/AppleCrashScripts?
```

ref=iosexample.com;ref_cta:Compare plans;"}" href="/pricing#compare-features">

Compare plans

<a class="lh-condensed-ultra d-block no-underline position-relative Link--secondary py-2" data-analytics-event="{"category":"Header dropdown (logged out), Pricing","action":"click to go to Contact

Sales","label":"ref_page:/tomieq/AppleCrashScripts?ref=iosexample.com;ref_cta:Contact Sales;"}" href="https://github.com/enterprise/contact">

Contact Sales

Education

</div>
</details>

</nav>

<div class="d-lg-flex flex-items-center px-3 px-lg-0 text-center text-lg-left">
<div class="d-lg-flex min-width-0 mb-3 mb-lg-0">

<div class="header-search flex-auto js-site-search position-relative flex-self-stretch flex-md-self-auto mb-3 mb-md-0 mr-0 mr-md-3 scoped-search site-scoped-search">

<div class="position-relative">
<!-- "" --><!-- </textarea></xmp> --><form class="js-site-search-form" role="search" aria-label="Site" data-scope-type="Repository" data-scope-id="414477389" data-scoped-search-url="/tomieq/AppleCrashScripts/search" data-owner-scoped-search-url="/users/tomieq/search" data-unscoped-search-url="/search" data-turbo="false" action="/tomieq/AppleCrashScripts/search" accept-charset="UTF-8" method="get">

<label class="form-control input-sm header-search-wrapper p-0 js-chromeless-input-container">

```
<a class="header-search-scope no-underline"
href="/tomieq/AppleCrashScripts">This repository</a>
  <input type="text" class="form-control input-sm header-search-input js-
site-search-focus js-site-search-field is-clearable" data-hotkey="s,/" name="q"
data-test-selector="nav-search-input" placeholder="Search" data-unscoped-
placeholder="Search GitHub" data-scoped-placeholder="Search"
autocapitalize="off" aria-label="Search this repository">
  <input type="hidden" data-csrf="true" class="js-data-jump-to-suggestions-
path-csrf"
value="LKNYojpRr6cH7hDQYmLZmtUnBHG6lUyNNmT1dAzM8cApmoQpmV2OAw
b6ctLA+n5pf/XKuc+NgH/rdqgHuNxRw==">
  <input type="hidden" class="js-site-search-type-field" name="type">
</label>
</form> </div>
</div>
```

```
</div>

<div class="position-relative mr-3 mb-4 mb-lg-0 d-inline-block">
  <a href="/login?return_to=https%3A%2F%2Fgithub.com%2Ftomieq
%2FAppleCrashScripts%3Fref%3Diosexample.com" class="HeaderMenu-link flex-
shrink-0 no-underline" data-hydro-
click="{&quot;event_type&quot;:&quot;authentication.click&quot;,&quot;payloa
d&quot;:{&quot;location_in_page&quot;:&quot;site header
menu&quot;,&quot;repository_id&quot;:null,&quot;auth_type&quot;:&quot;SIGN_
UP&quot;,&quot;originating_url&quot;:&quot;https://github.com/tomieq/
AppleCrashScripts?ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-
hydro-click-
hmac="974c0f30f7b8b6078c93b703c9236b414ba63452c30c1f342eed8cd75cd9
465e" data-ga-click="(Logged out) Header, clicked Sign in, text:sign-in">
    Sign in
  </a>
</div>
```

```
<a href="/signup?
ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F
%3Cuser-name%3E%2F%3Crepo-name%3E%2Ffiles
%2Fdisambiguate&source=header-repo&source_repo=tomieq
%2FAppleCrashScripts" class="HeaderMenu-link flex-shrink-0 d-inline-block no-
underline border color-border-default rounded px-2 py-1" data-hydro-
click="{&quot;event_type&quot;:&quot;authentication.click&quot;,&quot;payloa
d&quot;:{&quot;location_in_page&quot;:&quot;site header
menu&quot;,&quot;repository_id&quot;:null,&quot;auth_type&quot;:&quot;SIGN_
UP&quot;,&quot;originating_url&quot;:&quot;https://github.com/tomieq/
AppleCrashScripts?ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-
hydro-click-
hmac="974c0f30f7b8b6078c93b703c9236b414ba63452c30c1f342eed8cd75cd9
465e" data-analytics-event="{&quot;category&quot;:&quot;Sign
up&quot;,&quot;action&quot;:&quot;click to sign up for
account&quot;,&quot;label&quot;:&quot;ref_page:/<user-name>/<repo-
name>/files/disambiguate;ref_cta:Sign up;ref_loc:header logged out&quot;}">
    Sign up
  </a>
</div>
```

```
</div>
</div>
</header>
```

```
</div>
```

```
<div id="start-of-content" class="show-on-focus"></div>
```

```
<div data-pjax-replace="" id="js-flash-container" data-turbo-replace="">
```

```
<template class="js-flash-template">
  <div class="flash flash-full {{ className }}">
    <div class="px-2">
      <button class="flash-close js-flash-close" type="button" aria-label="Dismiss
this message">
        <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-x">
          <path fill-rule="evenodd" d="M3.72 3.72a.75.75 0 011.06 0L8 6.94l3.22-
3.22a.75.75 0 111.06 1.06L9.06 8l3.22 3.22a.75.75 0 11-1.06 1.06L8 9.06l-3.22
3.22a.75.75 0 01-1.06-1.06L6.94 8 3.72 4.78a.75.75 0 010-1.06z"></path>
        </svg>
      </button>

      <div>{{ message }}</div>

    </div>
  </div>
</template>
</div>
```

```
<include-fragment class="js-notification-shelf-include-fragment" data-base-
src="https://github.com/notifications/beta/shelf"></include-fragment>
```

```
<div class="application-main " data-commit-hovercards-enabled="" data-
discussion-hovercards-enabled="" data-issue-and-pr-hovercards-enabled="">
  <div itemscope="" itemtype="http://schema.org/SoftwareSourceCode"
class="">
    <main id="js-repo-pjax-container" data-pjax-container="">
```

```
<div id="repository-container-header" class="pt-3 hide-full-screen"
style="background-color: var(--color-page-header-bg);" data-pjax-replace=""
data-turbo-replace="">
```

```
<div class="d-flex mb-3 px-3 px-md-4 px-lg-5">
```

```
<div class="flex-auto min-width-0 width-fit mr-3">
```

```
<div class="d-flex flex-wrap flex-items-center wb-break-word f3 text-
normal">
```

```
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-repo color-fg-
muted mr-2">
```

```
<path fill-rule="evenodd" d="M2 2.5A2.5 2.5 0 014.5 0h8.75a.75.75 0
01.75.75v12.5a.75.75 0 01-.75.75h-2.5a.75.75 0 110-1.5h1.75v-2h-8a1 1 0
00-.714 1.7.75.75 0 01-1.072 1.05A2.495 2.495 0 012 11.5v-9zm10.5-1V9h-
8c-.356 0-.694.074-1 .208V2.5a1 1 0 011-1h8zM5 12.25v3.25a.25.25 0
00.421.45-1.087a.25.25 0 01.3 0L8.6 15.7a.25.25 0 00.4-.2v-3.25a.25.25 0
00-.25-.25h-3.5a.25.25 0 00-.25.25z"></path>
```

```
</svg>
```

```
<span class="author flex-self-stretch" itemprop="author">
```

```
<a class="url fn" rel="author" data-hovercard-type="user" data-hovercard-
url="/users/tomieq/hovercard" data-octo-click="hovercard-link-click" data-octo-
dimensions="link_type:self" href="/tomieq">tomieq</a>
```

```
</span>
```

```
<span class="mx-1 flex-self-stretch color-fg-muted"></span>
```

```
<strong itemprop="name" class="mr-2 flex-self-stretch">
```

```
<a data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-
content-turbo-frame" href="/tomieq/AppleCrashScripts">AppleCrashScripts</a>
</strong>
```

```
<span></span><span class="Label Label--secondary v-align-middle mr-
1">Public</span>
</div>
```

```
</div>
```

```
<ul class="pagehead-actions flex-shrink-0 d-none d-md-inline"
style="padding: 2px 0;">
```

```
<li>
```

 <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-bell mr-2">
<path d="M8 16a2 2 0 01.985-1.75c.017-.137-.097-.25-.235-.25h-3.5c-.138 0-.252.113-.235.25A2 2 0 008 16z"></path><path fill-rule="evenodd" d="M8 1.5A3.5 3.5 0 004.5 5v2.947c0 .346-.102.683-.294.971-1.703 2.556a.018.018 0 00-.003.011.001.006c0 .002.002.004.004.006a.017.017 0 00.006.004l.007.001h10.964l.007-.001a.016.016 0 00.006-.004.016.016 0 00.004-.006l.001-.007a.017.017 0 00-.003-.011-1.703-2.554a1.75 1.75 0 01-.294-.97V5A3.5 3.5 0 008 1.5z" data-bbox="114 83 883 449" data-label="Text">

M3 5a5 5 0 0110 0v2.947c0 .05.015.098.042.139l1.703 2.555A1.518 1.518 0 0113.482 13H2.518a1.518 1.518 0 01-1.263-2.361l1.703-2.554A.25.25 0 003 7.947V5z"></path></svg>Notifications

 <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-repo-forked mr-2">
<path fill-rule="evenodd" d="M5 3.25a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm0 2.122a2.25 2.25 0 10-1.5 0v.878A2.25 2.25 0 005.75 8.5h1.5v2.128a2.251 2.251 0 101.5 0V8.5h1.5a2.25 2.25 0 002.25-2.25v-.878a2.25 2.25 0 10-1.5 0v.878a.75.75 0 01-.75.75h-4.5A.75.75 0 015 6.25v-.878zm3.75 7.378a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm3-8.75a.75.75 0 100-1.5.75.75 0 000 1.5z"></path></svg>Fork
11


```

<li>
  <div data-view-component="true" class="BtnGroup d-flex">
    <a href="/login?return_to=%2Ftomieq%2FAppleCrashScripts" rel="nofollow"
data-hydro-
click="{&quot;event_type&quot;:&quot;authentication.click&quot;,&quot;payload&quot;:{&quot;location_in_page&quot;:&quot;star
button&quot;,&quot;repository_id&quot;:414477389,&quot;auth_type&quot;:&quot;
ot;LOG_IN&quot;,&quot;originating_url&quot;:&quot;https://github.com/tomieq/
AppleCrashScripts?ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-
hydro-click-
hmac="fec70d3146dc2cecbf6f147d5991987846432f4de5c6ec428fde09aa999c6
c6c" aria-label="You must be signed in to star a repository" data-view-
component="true" class="tooltipped tooltipped-s btn-sm btn BtnGroup-item">
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-star v-align-
text-bottom d-inline-block mr-2">
  <path fill-rule="evenodd" d="M8 .25a.75.75 0 01.673.418l1.882 3.815
4.21612a.75.75 0 01.416 1.279l-3.046 2.97719 4.192a.75.75 0 01-1.088.791L8
12.347l-3.766 1.98a.75.75 0 01-1.088-.791l-7.2-4.194L8.818 6.374a.75.75 0
01.416-1.28l4.21-6.11L7.327 6.68A.75.75 0 018 .25zm0 2.445L6.615 5.5a.75.75
0 01-.564.41l-3.097.45 2.24 2.184a.75.75 0 01.216.664l-.528 3.084 2.769-
1.456a.75.75 0 01.698 0l2.77 1.456-.53-3.084a.75.75 0 01.216-.664l2.24-2.183-
3.096-.45a.75.75 0 01-.564-.41L8 2.694v.001z"></path>
</svg><span data-view-component="true" class="d-inline">
  Star
</span>    <span id="repo-stars-counter-star" aria-label="46 users starred
this repository" data-singular-suffix="user starred this repository" data-plural-
suffix="users starred this repository" data-pjax-replace="true" data-turbo-
replace="true" title="46" data-view-component="true" class="Counter js-social-
count">46</span>

</a>    <button disabled="disabled" aria-label="You must be signed in to add
this repository to a list" type="button" data-view-component="true" class="btn-
sm btn BtnGroup-item px-2"> <svg aria-hidden="true" height="16"
viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true"
class="octicon octicon-triangle-down">
  <path d="M4.427 7.427l3.396 3.396a.25.25 0 00.354 0l3.396-3.396A.25.25 0
0011.396 7H4.604a.25.25 0 00-.177.427z"></path>
</svg>

</button></div>
</li>

</ul>

</div>

<div id="responsive-meta-container" data-pjax-replace="" data-turbo-
replace="">
  <div class="d-block d-md-none mb-2 px-3 px-md-4 px-lg-5">
    <p class="f4 mb-3">

```

Tool that converts Apple crash report from json to old style stack
</p>

```
<div class="mb-3">
  <a class="Link--secondary no-underline mr-3"
href="/tomieq/AppleCrashScripts/stargazers">
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-star mr-1">
      <path fill-rule="evenodd" d="M8 .25a.75.75 0 01.673.418l1.882 3.815
4.21612a.75.75 0 01.416 1.279l-3.046 2.97719 4.192a.75.75 0 01-1.088.791L8
12.347l-3.766 1.98a.75.75 0 01-1.088-.791l-7.2-4.194L8.18 6.374a.75.75 0
01.416-1.28l4.21-.611L7.327.668A.75.75 0 018 .25zm0 2.445L6.615 5.5a.75.75
0 01-.564.41l-3.097.45 2.24 2.184a.75.75 0 01.216.664l-.528 3.084 2.769-
1.456a.75.75 0 01.698 0l2.77 1.456-.53-3.084a.75.75 0 01.216-.664l2.24-2.183-
3.096-.45a.75.75 0 01-.564-.41L8 2.694v.001z"></path>
    </svg>
    <span class="text-bold">46</span>
    stars
  </a>
  <a class="Link--secondary no-underline"
href="/tomieq/AppleCrashScripts/network/members">
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-repo-forked mr-
1">
      <path fill-rule="evenodd" d="M5 3.25a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm0
2.122a2.25 2.25 0 10-1.5 0v.878A2.25 2.25 0 005.75 8.5h1.5v2.128a2.251 2.251
0 101.5 0V8.5h1.5a2.25 2.25 0 002.25-2.25v-.878a2.25 2.25 0 10-1.5
0v.878a.75.75 0 01-.75.75h-4.5A.75.75 0 015 6.25v-.878zm3.75 7.378a.75.75 0
11-1.5 0 .75.75 0 011.5 0zm3-8.75a.75.75 0 100-1.5.75.75 0 000 1.5z"></path>
    </svg>
    <span class="text-bold">11</span>
    forks
  </a>
</div>
<div class="d-flex">
  <div class="flex-1 mr-2">
    <div data-view-component="true" class="BtnGroup d-flex">
      <a href="/login?return_to=%2Ftomieq%2FAppleCrashScripts" rel="nofollow"
data-hydro-
click="{&quot;event_type&quot;:&quot;authentication.click&quot;,&quot;payloa
d&quot;:{&quot;location_in_page&quot;:&quot;star
button&quot;,&quot;repository_id&quot;:414477389,&quot;auth_type&quot;:&qu
ot;LOG_IN&quot;,&quot;originating_url&quot;:&quot;https://github.com/tomieq/
AppleCrashScripts?ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-
hydro-click-
hmac="fec70d3146dc2cecbf6f147d5991987846432f4de5c6ec428fde09aa999c6
c6c" aria-label="You must be signed in to star a repository" data-view-
component="true" class="tooltipped tooltipped-s btn-sm btn btn-block
BtnGroup-item">
      <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-
star v-align-text-bottom d-inline-block mr-2">
        <path fill-rule="evenodd" d="M8 .25a.75.75 0 01.673.418l1.882 3.815
4.21612a.75.75 0 01.416 1.279l-3.046 2.97719 4.192a.75.75 0 01-1.088.791L8
12.347l-3.766 1.98a.75.75 0 01-1.088-.791l-7.2-4.194L8.18 6.374a.75.75 0
```



```
01.416-1.28l4.21-.611L7.327.668A.75.75 0 018 .25zm0 2.445L6.615 5.5a.75.75
0 01-.564.41l-3.097.45 2.24 2.184a.75.75 0 01.216.664l-.528 3.084 2.769-
1.456a.75.75 0 01.698 0l2.77 1.456-.53-3.084a.75.75 0 01.216-.664l2.24-2.183-
3.096-.45a.75.75 0 01-.564-.41l8 2.694v.001z"></path>
</svg><span data-view-component="true" class="d-inline">
  Star
</span>
```

```
</a>    <button disabled="disabled" aria-label="You must be signed in to add
this repository to a list" type="button" data-view-component="true" class="btn-
sm btn BtnGroup-item px-2">  <svg aria-hidden="true" height="16"
viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true"
class="octicon octicon-triangle-down">
  <path d="M4.427 7.427l3.396 3.396a.25.25 0 00.354 0l3.396-3.396A.25.25 0
0011.396 7H4.604a.25.25 0 00-.177.427z"></path>
</svg>
```

```
</button></div>
</div>
<div class="flex-1">
  <a href="/login?return_to=%2Ftomieq%2FAppleCrashScripts"
rel="nofollow" data-hydro-
click="{&quot;event_type&quot;:&quot;authentication.click&quot;,&quot;payloa
d&quot;:{&quot;location_in_page&quot;:&quot;notification subscription menu
watch&quot;,&quot;repository_id&quot;:&quot;null,&quot;auth_type&quot;:&quot;LOG_I
N&quot;,&quot;originating_url&quot;:&quot;https://github.com/tomieq/
AppleCrashScripts?ref=iosexample.com&quot;,&quot;user_id&quot;:&quot;null}}}" data-
hydro-click-
hmac="5ea704a768594d6b5812f85732fb2beb2e33903dab38cc4af1a5caf3c65fb
444" aria-label="You must be signed in to change notification settings" data-
view-component="true" class="tooltipped tooltipped-s btn-sm btn btn-block">
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-bell mr-2">
  <path d="M8 16a2 2 0 001.985-1.75c.017-.137-.097-.25-.235-.25h-3.5c-.138
0-.252.113-.235.25A2 2 0 008 16z"></path><path fill-rule="evenodd" d="M8
1.5A3.5 3.5 0 004.5 5v2.947c0 .346-.102.683-.294.97l-1.703 2.556a.018.018 0
00-.003.01l.001.006c0 .002.002.004.004.006a.017.017 0
00.006.004l.007.001h10.964l.007-.001a.016.016 0 00.006-.004.016.016 0
00.004-.006l.001-.007a.017.017 0 00-.003-.01l-1.703-2.554a1.75 1.75 0
01-.294-.97V5A3.5 3.5 0 008 1.5zM3 5a5 5 0 0110
0v2.947c0 .05.015.098.042.139l1.703 2.555A1.518 1.518 0 0113.482
13H2.518a1.518 1.518 0 01-1.263-2.36l1.703-2.554A.25.25 0 003
7.947V5z"></path>
</svg>Notifications
```

```
</a>
</div>
</div>
</div>
```

```
</div>
```

```
<nav data-pjax="#js-repo-pjax-container" aria-label="Repository" data-view-component="true" class="js-repo-nav js-sidenav-container-pjax UnderlineNav px-3 px-md-4 px-lg-5">
```

```
  <ul data-view-component="true" class="UnderlineNav-body list-style-none">
    <li data-view-component="true" class="d-inline-flex">
      <a id="code-tab" href="/tomieq/AppleCrashScripts" data-tab-item="i0code-tab" data-selected-links="repo_source repo_downloads repo_commits repo_releases repo_tags repo_branches repo_packages repo_deployments /tomieq/AppleCrashScripts" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-hotkey="g c" data-ga-click="Repository, Navigation click, Code tab" aria-current="page" data-view-component="true" class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-navigation-item selected">
```

```

      <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-code UnderlineNav-octicon d-none d-sm-inline">
        <path fill-rule="evenodd" d="M4.72 3.22a.75.75 0 011.06 1.06L2.06 8l3.72 3.72a.75.75 0 11-1.06 1.06L.47 8.53a.75.75 0 010-1.06l4.25-4.25zm6.56 0a.75.75 0 10-1.06 1.06L13.94 8l-3.72 3.72a.75.75 0 101.06 1.06l4.25-4.25a.75.75 0 000-1.06l-4.25-4.25z"></path>
      </svg>
      <span data-content="Code">Code</span>
      <span id="code-repo-tab-count" data-pjax-replace="" title="Not available" data-view-component="true" class="Counter"></span>
```

```
</a></li>
```

```
  <li data-view-component="true" class="d-inline-flex">
    <a id="issues-tab" href="/tomieq/AppleCrashScripts/issues" data-tab-item="i1issues-tab" data-selected-links="repo_issues repo_labels repo_milestones /tomieq/AppleCrashScripts/issues" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-hotkey="g i" data-ga-click="Repository, Navigation click, Issues tab" data-view-component="true" class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-navigation-item">
```

```

      <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-issue-opened UnderlineNav-octicon d-none d-sm-inline">
        <path d="M8 9.5a1.5 1.5 0 100-3 1.5 1.5 0 000 3z"></path><path fill-rule="evenodd" d="M8 0a8 8 0 10 16 8 8 0 008 0zM1.5 8a6.5 6.5 0 113 0 6.5 6.5 0 01-13 0z"></path>
      </svg>
      <span data-content="Issues">Issues</span>
      <span id="issues-repo-tab-count" data-pjax-replace="" title="1" data-view-component="true" class="Counter">1</span>
```

```
</a></li>
```

```
  <li data-view-component="true" class="d-inline-flex">
```

```
<a id="pull-requests-tab" href="/tomieq/AppleCrashScripts/pulls" data-tab-item="i2pull-requests-tab" data-selected-links="repo_pulls checks /tomieq/AppleCrashScripts/pulls" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-hotkey="g p" data-ga-click="Repository, Navigation click, Pull requests tab" data-view-component="true" class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-navigation-item">
```

```
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-git-pull-request UnderlineNav-octicon d-none d-sm-inline">
```

```
<path fill-rule="evenodd" d="M7.177 3.073L9.573.677A.25.25 0 0110.854v4.792a.25.25 0 01-.427.177L7.177 3.427a.25.25 0 010-.354zM3.75 2.5a.75.75 0 100 1.5.75.75 0 000-1.5zm-2.25.75a2.25 2.25 0 113 2.122v5.256a2.251 2.251 0 11-1.5 0V5.372A2.25 2.25 0 011.5 3.25zM11 2.5h-1V4h1a1 1 0 011 1v5.628a2.251 2.251 0 101.5 0V5A2.5 2.5 0 0011 2.5zm1 10.25a.75.75 0 111.5 0 .75.75 0 01-1.5 0zM3.75 12a.75.75 0 100 1.5.75.75 0 000-1.5z"></path>
```

```
</svg>
```

```
<span data-content="Pull requests">Pull requests</span>
```

```
<span id="pull-requests-repo-tab-count" data-pjax-replace="" title="0" hidden="hidden" data-view-component="true" class="Counter">0</span>
```

```
</a></li>
```

```
<li data-view-component="true" class="d-inline-flex">
```

```
<a id="actions-tab" href="/tomieq/AppleCrashScripts/actions" data-tab-item="i3actions-tab" data-selected-links="repo_actions /tomieq/AppleCrashScripts/actions" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-hotkey="g a" data-analytics-event="{&quot;category&quot;:&quot;Actions&quot;,&quot;action&quot;:&quot;clicked&quot;,&quot;label&quot;:&quot;ref_cta:Actions;ref_loc:navigation_helper&quot;}" data-view-component="true" class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-navigation-item">
```

```
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-play UnderlineNav-octicon d-none d-sm-inline">
```

```
<path fill-rule="evenodd" d="M1.5 8a6.5 6.5 0 1113 0 6.5 6.5 0 01-13 0zM8 0a8 8 0 100 16A8 8 0 000 0zM6.379 5.227A.25.25 0 006 5.442v5.117a.25.25 0 00.379.214l4.264-2.559a.25.25 0 000-.428L6.379 5.227z"></path>
```

```
</svg>
```

```
<span data-content="Actions">Actions</span>
```

```
<span id="actions-repo-tab-count" data-pjax-replace="" title="Not available" data-view-component="true" class="Counter"></span>
```

```
</a></li>
```

```
<li data-view-component="true" class="d-inline-flex">
```

```
<a id="projects-tab" href="/tomieq/AppleCrashScripts/projects?type=new" data-tab-item="i4projects-tab" data-selected-links="repo_projects new_repo_project repo_project /tomieq/AppleCrashScripts/projects?type=new"
```

data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-hotkey="g b" data-ga-click="Repository, Navigation click, Projects tab" data-view-component="true" class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-navigation-item">

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-table UnderlineNav-octicon d-none d-sm-inline">

<path fill-rule="evenodd" d="M0 1.75C0 .784.784 0 1.75 0h12.5C15.216 0 16 .784 16 1.75v3.585a.746.746 0 010 .83v8.085A1.75 1.75 0 0114.25 16H6.309a.748.748 0 01-1.118 0H1.75A1.75 1.75 0 010 14.25V6.165a.746.746 0 010-.83V1.75zM1.5 6.5v7.75c0 .138.112.25.25.25H5v-8H1.5zM5 5H1.5V1.75a.25.25 0 01.25-.25H5V5zm1.5 1.5v8h7.75a.25.25 0 00.25-.25V6.5h-8zm8-1.5h-8V1.5h7.75a.25.25 0 01.25.25V5z"></path></svg>

Projects
0

<li data-view-component="true" class="d-inline-flex">

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-book UnderlineNav-octicon d-none d-sm-inline">

<path fill-rule="evenodd" d="M0 1.75A.75.75 0 01.75 1h4.253c1.227 0 2.317.59 3 1.501A3.744 3.744 0 0111.006 1h4.245a.75.75 0 01.75.75v10.5a.75.75 0 01-.75.75h-4.507a2.25 2.25 0 00-1.591.659l-.622.621a.75.75 0 01-1.06 0l-.622-.621A2.25 2.25 0 005.258 13H.75a.75.75 0 01-.75-.75V1.75zm8.75 3a2.25 2.25 0 012.25-2.25H14.5v9h-3.757c-.71 0-1.4.201-1.992.572l.004-.732zm-1.504 7.324l.004-5.073-.002-2.253A2.25 2.25 0 005.003 2.5H1.5v9h3.757a3.75 3.75 0 011.994.574z"></path></svg>

Wiki

<li data-view-component="true" class="d-inline-flex">
<a id="security-tab" href="/tomieq/AppleCrashScripts/security" data-tab-item="i6security-tab" data-selected-links="security overview alerts policy token_scanning code_scanning /tomieq/AppleCrashScripts/security" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-

```
frame" data-hotkey="g s" data-ga-click="Repository, Navigation click, Security
tab" data-view-component="true" class="UnderlineNav-item no-wrap js-
responsive-underlinenav-item js-selected-navigation-item">
```

```
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-
shield UnderlineNav-octicon d-none d-sm-inline">
    <path fill-rule="evenodd" d="M7.467.133a1.75 1.75 0 011.066.015.25
1.68A1.75 1.75 0 0115 3.48V7c0 1.566-.32 3.182-1.303 4.682-.983 1.498-2.585
2.813-5.032 3.855a1.7 1.7 0 01-1.33 0c-2.447-1.042-4.049-2.357-5.032-
3.855C1.32 10.182 1 8.566 1 7V3.48a1.75 1.75 0 011.217-1.667l5.25-1.68zm.61
1.429a.25.25 0 00-.153 0l-5.25 1.68a.25.25 0 00-.174.238V7c0 1.358.275 2.666
1.057 3.86.784 1.194 2.121 2.34 4.366 3.297a.22 0 00.154 0c2.245-.956 3.582-
2.104 4.366-3.298C13.225 9.666 13.5 8.36 13.5 7V3.48a.25.25 0 00-.174-.237l-
5.25-1.68zM9 10.5a1 1 0 11-2 0 1 1 0 012 0zm-.25-5.75a.75.75 0 10-1.5
0v3a.75.75 0 001.5 0v-3z"></path>
</svg>
```

```
    <span data-content="Security">Security</span>
    <include-fragment src="/tomieq/AppleCrashScripts/security/overall-
count" accept="text/fragment+html"></include-fragment>
```

```
</a></li>
```

```
    <li data-view-component="true" class="d-inline-flex">
    <a id="insights-tab" href="/tomieq/AppleCrashScripts/pulse" data-tab-
item="i7insights-tab" data-selected-links="repo_graphs repo_contributors
dependency_graph dependabot_updates pulse people community
/tomieq/AppleCrashScripts/pulse" data-pjax="#repo-content-pjax-container"
data-turbo-frame="repo-content-turbo-frame" data-ga-click="Repository,
Navigation click, Insights tab" data-view-component="true"
class="UnderlineNav-item no-wrap js-responsive-underlinenav-item js-selected-
navigation-item">
```

```
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-
graph UnderlineNav-octicon d-none d-sm-inline">
    <path fill-rule="evenodd" d="M1.5 1.75a.75.75 0 00-1.5
0v12.5c0 .414.336.75.75.75h14.5a.75.75 0 000-1.5H1.5V1.75zm14.28
2.53a.75.75 0 00-1.06-1.06L10 7.94 7.53 5.47a.75.75 0 00-1.06 0L3.22
8.72a.75.75 0 001.06 1.06L7 7.06l2.47 2.47a.75.75 0 001.06
0l5.25-5.25z"></path>
</svg>
```

```
    <span data-content="Insights">Insights</span>
    <span id="insights-repo-tab-count" data-pjax-replace="" title="Not
available" data-view-component="true" class="Counter"></span>
```

```
</a></li>
```

```
</ul>
```

```
    <div style="visibility:hidden;" data-view-component="true"
class="UnderlineNav-actions js-responsive-underlinenav-overflow position-
absolute pr-3 pr-md-4 pr-lg-5 right-0">    <details data-view-component="true"
class="details-overlay details-reset position-relative">
```

```

    <summary role="button" data-view-component="true">      <div
class="UnderlineNav-item mr-0 border-0">
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-
kebab-horizontal">
    <path d="M8 9a1.5 1.5 0 100-3 1.5 1.5 0 000 3zM1.5 9a1.5 1.5 0 100-3 1.5
1.5 0 000 3zM13 9a1.5 1.5 0 100-3 1.5 1.5 0 000 3"></path>
</svg>
    <span class="sr-only">More</span>
    </div>
</summary>
    <div data-view-component="true">      <details-menu role="menu" data-
view-component="true" class="dropdown-menu dropdown-menu-sw">

    <ul>
    <li data-menu-item="i0code-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item selected
dropdown-item" aria-current="page" data-selected-links="repo_source
repo_downloads repo_commits repo_releases repo_tags repo_branches
repo_packages repo_deployments /tomieq/AppleCrashScripts"
href="/tomieq/AppleCrashScripts">
    Code
</a>
    </li>
    <li data-menu-item="i1issues-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_issues repo_labels repo_milestones
/tomieq/AppleCrashScripts/issues" href="/tomieq/AppleCrashScripts/issues">
    Issues
</a>
    </li>
    <li data-menu-item="i2pull-requests-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_pulls checks /tomieq/AppleCrashScripts/pulls"
href="/tomieq/AppleCrashScripts/pulls">
    Pull requests
</a>
    </li>
    <li data-menu-item="i3actions-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_actions /tomieq/AppleCrashScripts/actions"
href="/tomieq/AppleCrashScripts/actions">
    Actions
</a>
    </li>
    <li data-menu-item="i4projects-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_projects new_repo_project repo_project
/tomieq/AppleCrashScripts/projects?type=new"
href="/tomieq/AppleCrashScripts/projects?type=new">
    Projects
</a>
    </li>
    <li data-menu-item="i5wiki-tab" hidden="">
    <a role="menuitem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_wiki /tomieq/AppleCrashScripts/wiki"
href="/tomieq/AppleCrashScripts/wiki">
    Wiki
</a>
    </li>

```

```
        <li data-menu-item="i6security-tab" hidden="">
          <a role="menuItem" class="js-selected-navigation-item dropdown-
item" data-selected-links="security overview alerts policy token_scanning
code_scanning /tomieq/AppleCrashScripts/security"
href="/tomieq/AppleCrashScripts/security">
            Security
          </a>
        </li>
        <li data-menu-item="i7insights-tab" hidden="">
          <a role="menuItem" class="js-selected-navigation-item dropdown-
item" data-selected-links="repo_graphs repo_contributors dependency_graph
dependabot_updates pulse people community /tomieq/AppleCrashScripts/pulse"
href="/tomieq/AppleCrashScripts/pulse">
            Insights
          </a>
        </li>
      </ul>

</details-menu></div>
</details></div>
</nav>
</div>
```

```
<turbo-frame id="repo-content-turbo-frame" target="_top" data-turbo-
action="advance" class="">
  <div id="repo-content-pjax-container" class="repository-content ">
```

```
<h1 class="sr-only">tomieq/AppleCrashScripts</h1>
<div class="clearfix container-xl px-3 px-md-4 px-lg-5 mt-4">
```

```
<div>
```

```
<div class="d-none d-lg-block mt-6 mr-3 Popover top-0 right-0 color-shadow-
medium col-3">
```

```
</div>
```

```
<div id="spoof-warning" class="mt-0 pb-3" hidden="" aria-hidden="">
<div data-view-component="true" class="flash flash-warn mt-0 clearfix">
```

```
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-alert float-left
mt-1">
```

```
<path fill-rule="evenodd" d="M8.22 1.754a.25.25 0 00-.44 0L1.698
13.132a.25.25 0 00.22 3.68h12.164a.25.25 0 00.22-.368L8.22 1.754zm-
```

```
1.763-.707c.659-1.234 2.427-1.234 3.086 0l6.082 11.378A1.75 1.75 0 0114.082
15H1.918a1.75 1.75 0 01-1.543-2.575L6.457 1.047zM9 11a1 1 0 11-2 0 1 1 0
012 0zm-.25-5.25a.75.75 0 00-1.5 0v2.5a.75.75 0 001.5 0v-2.5z"></path>
</svg>
```

<div class="overflow-hidden">This commit does not belong to any branch on this repository, and may belong to a fork outside of the repository.</div>

</div></div>

```
<include-fragment
src="/tomieq/AppleCrashScripts/spoofed_commit_check/a6aa89745dc01fc806b8
42633d55a94c1ce49810"
data-test-selector="spoofed-commit-check"></include-fragment>
```

```
<div data-view-component="true" class="Layout Layout--flowRow-until-md
Layout--sidebarPosition-end Layout--sidebarPosition-flowRow-end">
```

```
<div data-view-component="true" class="Layout-main">
```

```
<div class="file-navigation mb-3 d-flex flex-items-start">
```

```
<div class="position-relative">
```

```
<details class="details-reset details-overlay mr-0 mb-0 " id="branch-select-
menu">
```

```
<summary class="btn css-truncate" data-hotkey="w" title="Switch branches
or tags">
```

```
<svg text="gray" aria-hidden="true" height="16" viewBox="0 0 16 16"
version="1.1" width="16" data-view-component="true" class="octicon octicon-
git-branch">
```

```
<path fill-rule="evenodd" d="M11.75 2.5a.75.75 0 100 1.5.75.75 0 000-
1.5zm-2.25.75a2.25 2.25 0 113 2.122V6A2.5 2.5 0 0110 8.5H6a1 1 0 00-1
1v1.128a2.251 2.251 0 11-1.5 0V5.372a2.25 2.25 0 111.5 0v1.836A2.492 2.492
0 016 7h4a1 1 0 001-1v-.628A2.25 2.25 0 019.5 3.25zM4.25 12a.75.75 0 100
1.5.75.75 0 000-1.5zM3.5 3.25a.75.75 0 111.5 0 .75.75 0 01-1.5 0z"></path>
</svg>
```

```
<span class="css-truncate-target" data-menu-button="">master</span>
```

```
<span class="dropdown-caret"></span>
```

```
</summary>
```

```
<div class="SelectMenu">
```

```
<div class="SelectMenu-modal">
```

```
<header class="SelectMenu-header">
```

```
<span class="SelectMenu-title">Switch branches/tags</span>
```

```
<button class="SelectMenu-closeButton" type="button" data-toggle-
for="branch-select-menu"><svg aria-label="Close menu" aria-hidden="false"
role="img" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-
view-component="true" class="octicon octicon-x">
```

```
<path fill-rule="evenodd" d="M3.72 3.72a.75.75 0 011.06 0L8 6.94l3.22-
3.22a.75.75 0 111.06 1.06L9.06 8l3.22 3.22a.75.75 0 11-1.06 1.06L8 9.06l-3.22
3.22a.75.75 0 01-1.06-1.06L6.94 8 3.72 4.78a.75.75 0 010-1.06z"></path>
</svg></button>
```



```

</header>

<input-demux data-action="tab-container-change:input-demux#storeInput
tab-container-changed:input-demux#updateInput" data-catalyst="">
  <tab-container class="d-flex flex-column js-branches-tags-tabs" style="min-
height: 0;">
    <div class="SelectMenu-filter">
      <input data-target="input-demux.source" id="context-commitish-filter-
field" class="SelectMenu-input form-control" aria-owns="ref-list-branches" data-
controls-ref-menu-id="ref-list-branches" autofocus="" autocomplete="off" aria-
label="Filter branches/tags" placeholder="Filter branches/tags" type="text">
    </div>

    <div class="SelectMenu-tabs" role="tablist" data-target="input-
demux.control">
      <button class="SelectMenu-tab" type="button" role="tab" aria-
selected="true" tabindex="0">Branches</button>
      <button class="SelectMenu-tab" type="button" role="tab" aria-
selected="false" tabindex="-1">Tags</button>
    </div>

    <div role="tabpanel" id="ref-list-branches" data-filter-placeholder="Filter
branches/tags" tabindex="" class="d-flex flex-column flex-auto overflow-auto">
      <ref-selector type="branch" data-targets="input-demux.sinks" data-
action="
        input-entered:ref-selector#inputEntered
        tab-selected:ref-selector#tabSelected
        focus-list:ref-selector#focusFirstListMember
        " query-endpoint="/tomieq/AppleCrashScripts/refs" cache-
key="v0:1655743210.465826" current-committish="bWFzdGVy" default-
branch="bWFzdGVy" name-with-
owner="dG9taWVxL0FwcGxlQ3Jhc2hTY3JpcHRz" prefetch-on-mouseover=""
data-catalyst="">

      <template data-target="ref-selector.fetchFailedTemplate">
        <div class="SelectMenu-message" data-index="{ { index } }">Could
not load branches</div>
      </template>

      <template data-target="ref-selector.noMatchTemplate">
        <div class="SelectMenu-message">Nothing to show</div>
      </template>

      <div data-target="ref-selector.listContainer" role="menu"
class="SelectMenu-list " data-pjax="#repo-content-pjax-container" data-turbo-
frame="repo-content-turbo-frame">
        <div class="SelectMenu-loading pt-3 pb-0 overflow-hidden" aria-
label="Menu is loading">
          <svg style="box-sizing: content-box; color: var(--color-icon-primary);"
width="32" height="32" viewBox="0 0 16 16" fill="none" data-view-
component="true" class="anim-rotate">
            <circle cx="8" cy="8" r="7" stroke="currentColor" stroke-opacity="0.25"
stroke-width="2" vector-effect="non-scaling-stroke"></circle>

```

```
<path d="M15 8a7.002 7.002 0 00-7-7" stroke="currentColor" stroke-
width="2" stroke-linecap="round" vector-effect="non-scaling-stroke"></path>
</svg>
```

```
</div>
```

```
</div>
```

```
<template data-target="ref-selector.itemTemplate">
```

```
<a
```

```
href="https://github.com/tomieq/AppleCrashScripts/tree/{ { urlEncodedRefName
}}" class="SelectMenu-item" role="menuitemradio" rel="nofollow" aria-
checked="{ { isCurrent } }" data-index="{ { index } }">
```

```
<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-check
SelectMenu-icon SelectMenu-icon--check">
```

```
<path fill-rule="evenodd" d="M13.78 4.22a.75.75 0 010 1.06l-7.25
7.25a.75.75 0 01-1.06 0L2.22 9.28a.75.75 0 011.06-1.06L6 10.94l6.72-
6.72a.75.75 0 011.06 0z"></path>
```

```
</svg>
```

```
<span class="flex-1 css-truncate css-truncate-overflow
{ { isFilteringClass } }">{ { refName } }</span>
```

```
<span hidden="{ { isNotDefault } }" class="Label Label--secondary flex-self-
start">default</span>
```

```
</a>
```

```
</template>
```

```
<footer class="SelectMenu-footer"><a
href="/tomieq/AppleCrashScripts/branches">View all branches</a></footer>
</ref-selector>
```

```
</div>
```

```
<div role="tabpanel" id="tags-menu" data-filter-placeholder="Find a tag"
tabindex="" hidden="" class="d-flex flex-column flex-auto overflow-auto">
```

```
<ref-selector type="tag" data-action="
```

```
input-entered:ref-selector#inputEntered
```

```
tab-selected:ref-selector#tabSelected
```

```
focus-list:ref-selector#focusFirstListMember
```

```
" data-targets="input-demux.sinks"
```

```
query-endpoint="/tomieq/AppleCrashScripts/refs" cache-
```

```
key="v0:1655743210.465826" current-committish="bWFzdGVy" default-
```

```
branch="bWFzdGVy" name-with-
```

```
owner="dG9taWVxL0FwcGxlQ3Jhc2hTY3JpcHRz" data-catalyst="">
```

```
<template data-target="ref-selector.fetchFailedTemplate">
```

```
<div class="SelectMenu-message" data-index="{ { index } }">Could
not load tags</div>
```

```
</template>
```

```
<template data-target="ref-selector.noMatchTemplate">
```

```
<div class="SelectMenu-message" data-index="{ { index } }">Nothing
to show</div>
```

```
</template>
```

```

        <template data-target="ref-selector.itemTemplate">
        <a
href="https://github.com/tomieq/AppleCrashScripts/tree/{ { urlEncodedRefName
}}" class="SelectMenu-item" role="menuitemradio" rel="nofollow" aria-
checked="{ { isCurrent } }" data-index="{ { index } }">
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-check
SelectMenu-icon SelectMenu-icon--check">
        <path fill-rule="evenodd" d="M13.78 4.22a.75.75 0 010 1.06l-7.25
7.25a.75.75 0 01-1.06 0L2.22 9.28a.75.75 0 011.06-1.06L6 10.94l6.72-
6.72a.75.75 0 011.06 0z"></path>
    </svg>
    <span class="flex-1 css-truncate css-truncate-overflow
{ { isFilteringClass } }">{ { refName } }</span>
    <span hidden="{ { isNotDefault } }" class="Label Label--secondary flex-self-
start">default</span>
    </a>
</template>

```

```

        <div data-target="ref-selector.listContainer" role="menu"
class="SelectMenu-list" data-pjax="#repo-content-pjax-container" data-turbo-
frame="repo-content-turbo-frame">
        <div class="SelectMenu-loading pt-3 pb-0 overflow-hidden" aria-
label="Menu is loading">
            <svg style="box-sizing: content-box; color: var(--color-icon-primary);"
width="32" height="32" viewBox="0 0 16 16" fill="none" data-view-
component="true" class="anim-rotate">
                <circle cx="8" cy="8" r="7" stroke="currentColor" stroke-opacity="0.25"
stroke-width="2" vector-effect="non-scaling-stroke"></circle>
                <path d="M15 8a7.002 7.002 0 00-7-7" stroke="currentColor" stroke-
width="2" stroke-linecap="round" vector-effect="non-scaling-stroke"></path>
            </svg>
        </div>
        </div>
        <footer class="SelectMenu-footer"><a
href="/tomieq/AppleCrashScripts/tags">View all tags</a></footer>
        </ref-selector>
        </div>
        </tab-container>
        </input-demux>
        </div>
    </div>

    </details>

</div>

```

```

    <div class="flex-self-center ml-3 flex-self-stretch d-none d-lg-flex flex-items-
center lh-condensed-ultra">
        <a data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-
content-turbo-frame" href="/tomieq/AppleCrashScripts/branches" class="Link--
primary no-underline">

```

<svg text="gray" aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-git-branch">

<path fill-rule="evenodd" d="M11.75 2.5a.75.75 0 100 1.5.75.75 0 000-1.5zm-2.25.75a2.25 2.25 0 113 2.122V6A2.5 2.5 0 0110 8.5H6a1 1 0 00-1 1v1.128a2.251 2.251 0 11-1.5 0V5.372a2.25 2.25 0 111.5 0v1.836A2.492 2.492 0 016 7h4a1 1 0 001-1v-.628A2.25 2.25 0 019.5 3.25zM4.25 12a.75.75 0 100 1.5.75.75 0 000-1.5zM3.5 3.25a.75.75 0 111.5 0 .75.75 0 01-1.5 0z"></path></svg>

2

branches

<a data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" href="/tomieq/AppleCrashScripts/tags" class="ml-3 Link--primary no-underline">

<svg text="gray" aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-tag">

<path fill-rule="evenodd" d="M2.5 7.775V2.75a.25.25 0 01.25-.25h5.025a.25.25 0 01.177.073l6.25 6.25a.25.25 0 010 .354l-5.025 5.025a.25.25 0 01-.354 0l-6.25-6.25a.25.25 0 01-.073-.177zm-1.5 0V2.75C1 1.784 1.784 1 2.75 1h5.025c.464 0 .91184 1.238.513l6.25 6.25a1.75 1.75 0 010 2.474l-5.026 5.026a1.75 1.75 0 01-2.474 0l-6.25-6.25A1.75 1.75 0 011 7.775zM6 5a1 1 0 100 2 1 1 0 000-2z"></path></svg>

1

tag

</div>

<div class="flex-auto"></div>

<include-fragment data-test-selector="overview-actions-fragment" src="/tomieq/AppleCrashScripts/overview_actions/master"></include-fragment>

</div>

<div class="Box mb-3">

<div class="Box-header position-relative">

<h2 class="sr-only">Latest commit</h2>

<div class="js-details-container Details d-flex rounded-top-2 flex-items-center flex-wrap" data-issue-and-pr-hovercards-enabled="">

<div class="flex-shrink-0 ml-n1 mr-n1 mt-n1 mb-n1 hx_avatar_stack_commit">

```

<div class="AvatarStack flex-self-start ">
  <div class="AvatarStack-body" aria-label="tomieq">
    <a class="avatar avatar-user" style="width:24px;height:24px;" data-skip-
pjax="true" data-test-selector="commits-avatar-stack-avatar-link" data-
hovercard-type="user" data-hovercard-url="/users/tomieq/hovercard" data-octo-
click="hovercard-link-click" data-octo-dimensions="link_type:self"
href="/tomieq">
      
    </a> </div>
  </div>

  </div>
  <div class="flex-1 d-flex flex-items-center ml-3 min-width-0">
    <div class="css-truncate css-truncate-overflow color-fg-muted">
      <a class="commit-author user-mention" title="View all commits by
tomieq"
href="/tomieq/AppleCrashScripts/commits?author=tomieq">tomieq</a>

      <span class="d-none d-sm-inline">
        <a data-pjax="true" data-test-selector="commit-tease-commit-message"
title="Added `Report Version` to report" class="Link--primary markdown-title"
href="/tomieq/AppleCrashScripts/commit/a6aa89745dc01fc806b842633d55a94c
1ce49810">Added <code>Report Version</code> to report</a>
      </span>
    </div>
    <span class="hidden-text-expander ml-2 d-inline-block d-inline-block d-lg-
none">
      <button type="button" class="color-fg-default ellipsis-expander js-details-
target" aria-expanded="false">
        ...
      </button>
    </span>
    <div class="d-flex flex-auto flex-justify-end ml-3 flex-items-baseline">
      <include-fragment accept="text/fragment+html"
src="/tomieq/AppleCrashScripts/commit/a6aa89745dc01fc806b842633d55a94c1
ce49810/rollup?direction=sw" class="d-inline"></include-fragment>
      <a
href="/tomieq/AppleCrashScripts/commit/a6aa89745dc01fc806b842633d55a94c
1ce49810" class="f6 Link--secondary text-mono ml-2 d-none d-lg-inline" data-
pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-
frame">
        a6aa897
      </a>
      <a
href="/tomieq/AppleCrashScripts/commit/a6aa89745dc01fc806b842633d55a94c
1ce49810" class="Link--secondary ml-2" data-pjax="#repo-content-pjax-
container" data-turbo-frame="repo-content-turbo-frame">
        <relative-time datetime="2022-06-20T16:38:19Z" class="no-wrap"
title="20 Jun 2022, 17:38 BST">on 20 Jun</relative-time>
      </a>
    </div>
  </div>

```

```

    </div>
  </div>
  <div class="pl-0 pl-md-5 flex-order-1 width-full Details-content--hidden">
    <div class="mt-2">
      <a data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" data-test-selector="commit-tease-commit-message" class="Link--primary text-bold" href="/tomieq/AppleCrashScripts/commit/a6aa89745dc01fc806b842633d55a94c1ce49810">Added `Report Version` to report</a>
    </div>
    <div class="d-flex flex-items-center">
      <code class="border d-lg-none mt-2 px-1 rounded-2">a6aa897</code>
    </div>
  </div>
  <div class="flex-shrink-0">
    <h2 class="sr-only">Git stats</h2>
    <ul class="list-style-none d-flex">
      <li class="ml-0 ml-md-3">
        <a data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame" href="/tomieq/AppleCrashScripts/commits/master" class="pl-3 pr-3 py-3 p-md-0 mt-n3 mb-n3 mr-n3 m-md-0 Link--primary no-underline no-wrap">
          <svg text="gray" aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-history">
            <path fill-rule="evenodd" d="M1.643 3.143L4.27 1.927A2.5 2.5 0 002.104V5.75c0 .138.112.25.25.25h3.646a2.5 2.5 0 00.177-.427L2.715 4.215a6.5 6.5 0 11-1.18 4.458.75.75 0 10-1.493.154 8.001 8.001 0 101.6-5.684zM7.75 4a.75.75 0 01.75.75v2.992l2.028.812a.75.75 0 01-.557 1.392l-2.5-1A.75.75 0 017 8.25v-3.5A.75.75 0 017.75 4z"></path>
          </svg>
          <span class="d-none d-sm-inline">
            <strong>10</strong>
            <span aria-label="Commits on master" class="color-fg-muted d-none d-lg-inline">
              commits
            </span>
          </span>
        </a>
      </li>
    </ul>
  </div>
</div>
<h2 id="files" class="sr-only">Files</h2>

<include-fragment src="/tomieq/AppleCrashScripts/file-list/master">
  <a class="d-none js-permalink-shortcut" data-hotkey="y" href="/tomieq/AppleCrashScripts/tree/a6aa89745dc01fc806b842633d55a94c1ce49810">Permalink</a>

```

```
<div data-view-component="true" class="include-fragment-error flash flash-
error flash-full py-2">
  <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-alert">
    <path fill-rule="evenodd" d="M8.22 1.754a.25.25 0 00-.44 0L1.698
13.132a.25.25 0 00.22.368h12.164a.25.25 0 00.22-.368L8.22 1.754zm-
1.763-.707c.659-1.234 2.427-1.234 3.086 0l6.082 11.378A1.75 1.75 0 0114.082
15H1.918a1.75 1.75 0 01-1.543-2.575L6.457 1.047zM9 11a1 1 0 11-2 0 1 1 0
0 12 0zm-.25-5.25a.75.75 0 00-1.5 0v2.5a.75.75 0 001.5 0v-2.5z"></path>
</svg>
```

Failed to load latest commit information.

```
</div> <div class="js-details-container Details" data-hpc="">
  <div role="grid" aria-labelledby="files" class="Details-content--hidden-not-
important js-navigation-container js-active-navigation-container d-md-block"
data-pjax="">
    <div class="sr-only" role="row">
      <div role="columnheader">Type</div>
      <div role="columnheader">Name</div>
      <div role="columnheader" class="d-none d-md-block">Latest commit
message</div>
      <div role="columnheader">Commit time</div>
    </div>

    <div role="row" class="Box-row Box-row--focus-gray py-2 d-flex position-
relative js-navigation-item ">
      <div role="gridcell" class="mr-3 flex-shrink-0" style="width: 16px;">
        <svg aria-label="Directory" aria-hidden="true" height="16"
viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true"
class="octicon octicon-file-directory-fill hx_color-icon-directory">
          <path d="M1.75 1A1.75 1.75 0 000 2.75v10.5C0 14.216.784 15 1.75
15h12.5A1.75 1.75 0 0016 13.25v-8.5A1.75 1.75 0 0014.25 3H7.5a.25.25 0
01-.2-.1l-.9-1.2C6.07 1.26 5.55 1 5 1H1.75z"></path>
        </svg>
      </div>

      <div role="rowheader" class="flex-auto min-width-0 col-md-2 mr-3">
        <span class="css-truncate css-truncate-target d-block width-fit"><a
class="js-navigation-open Link--primary" title="docs" data-pjax="#repo-content-
pjax-container" data-turbo-frame="repo-content-turbo-frame"
href="/tomieq/AppleCrashScripts/tree/master/docs">docs</a></span>
      </div>

      <div role="gridcell" class="flex-auto min-width-0 d-none d-md-block col-5
mr-3">
        <div class="Skeleton Skeleton--text col-7">&nbsp;</div>
      </div>

      <div role="gridcell" class="color-fg-muted text-right"
style="width:100px;">
        <div class="Skeleton Skeleton--text">&nbsp;</div>
```

```
</div>

  <a style="opacity:0;" class="position-absolute top-0 right-0 bottom-0
left-0 d-block d-sm-none" href="/tomieq/AppleCrashScripts/tree/master/docs">
    docs
  </a>
</div>
<div role="row" class="Box-row Box-row--focus-gray py-2 d-flex position-
relative js-navigation-item ">
  <div role="gridcell" class="mr-3 flex-shrink-0" style="width: 16px;">
    <svg aria-label="File" aria-hidden="true" height="16" viewBox="0 0 16
16" version="1.1" width="16" data-view-component="true" class="octicon
octicon-file color-fg-muted">
      <path fill-rule="evenodd" d="M3.75 1.5a.25.25 0
00-.25.25v12.5c0 .138.112.25.25.25h9.5a.25.25 0 00.25-.25V6h-2.75A1.75 1.75
0 019 4.25V1.5H3.75zm6.75.062V4.25c0 .138.112.25.25.25h2.688a.252.252 0
00-.011-.013l-2.914-2.914a.272.272 0 00-.013-.011zM2 1.75C2 .784 2.784 0
3.75 0h6.586c.464 0 .909.184 1.237.513l2.914 2.914c.329.328.513.773.513
1.237v9.586A1.75 1.75 0 0113.25 16h-9.5A1.75 1.75 0 012
14.25V1.75z"></path>
    </svg>
  </div>

  <div role="rowheader" class="flex-auto min-width-0 col-md-2 mr-3">
    <span class="css-truncate css-truncate-target d-block width-fit"><a
class="js-navigation-open Link--primary" title=".gitignore" data-pjax="#repo-
content-pjax-container" data-turbo-frame="repo-content-turbo-frame"
href="/tomieq/AppleCrashScripts/blob/master/.gitignore">.gitignore</a></
span>
  </div>

  <div role="gridcell" class="flex-auto min-width-0 d-none d-md-block col-5
mr-3">
    <div class="Skeleton Skeleton--text col-7">&nbsp;</div>
  </div>

  <div role="gridcell" class="color-fg-muted text-right"
style="width:100px;">
    <div class="Skeleton Skeleton--text">&nbsp;</div>
  </div>

  <a style="opacity:0;" class="position-absolute top-0 right-0 bottom-0
left-0 d-block d-sm-none"
href="/tomieq/AppleCrashScripts/blob/master/.gitignore">
    .gitignore
  </a>
</div>
<div role="row" class="Box-row Box-row--focus-gray py-2 d-flex position-
relative js-navigation-item ">
  <div role="gridcell" class="mr-3 flex-shrink-0" style="width: 16px;">
    <svg aria-label="File" aria-hidden="true" height="16" viewBox="0 0 16
16" version="1.1" width="16" data-view-component="true" class="octicon
octicon-file color-fg-muted">
      <path fill-rule="evenodd" d="M3.75 1.5a.25.25 0
00-.25.25v12.5c0 .138.112.25.25.25h9.5a.25.25 0 00.25-.25V6h-2.75A1.75 1.75
0 019 4.25V1.5H3.75zm6.75.062V4.25c0 .138.112.25.25.25h2.688a.252.252 0
00-.011-.013l-2.914-2.914a.272.272 0 00-.013-.011zM2 1.75C2 .784 2.784 0
3.75 0h6.586c.464 0 .909.184 1.237.513l2.914 2.914c.329.328.513.773.513
1.237v9.586A1.75 1.75 0 0113.25 16h-9.5A1.75 1.75 0 012
14.25V1.75z"></path>
    </svg>
  </div>
```


00-.011-.013l-2.914-2.914a.272.272 0 00-.013-.011zM2 1.75C2 .784 2.784 0
3.75 0h6.586c.464 0 .909.184 1.237.513l2.914 2.914c.329.328.513.773.513
1.237v9.586A1.75 1.75 0 0113.25 16h-9.5A1.75 1.75 0 012
14.25V1.75z"></path>
</svg>
</div>

<div role="rowheader" class="flex-auto min-width-0 col-md-2 mr-3">
<a
class="js-navigation-open Link--primary" title="README.md" data-pjax="#repo-
content-pjax-container" data-turbo-frame="repo-content-turbo-frame"
href="/tomieq/AppleCrashScripts/blob/master/README.md">README.md</
a>
</div>

<div role="gridcell" class="flex-auto min-width-0 d-none d-md-block col-5
mr-3">
<div class="Skeleton Skeleton--text col-7"> </div>
</div>

<div role="gridcell" class="color-fg-muted text-right"
style="width:100px;">
<div class="Skeleton Skeleton--text"> </div>
</div>

<a style="opacity:0;" class="position-absolute top-0 right-0 bottom-0
left-0 d-block d-sm-none"
href="/tomieq/AppleCrashScripts/blob/master/README.md">
README.md
 </div>

<div role="row" class="Box-row Box-row--focus-gray py-2 d-flex position-
relative js-navigation-item ">
<div role="gridcell" class="mr-3 flex-shrink-0" style="width: 16px;">
<svg aria-label="File" aria-hidden="true" height="16" viewBox="0 0 16
16" version="1.1" width="16" data-view-component="true" class="octicon
octicon-file color-fg-muted">
<path fill-rule="evenodd" d="M3.75 1.5a.25.25 0
00-.25.25v12.5c0 .138.112.25.25.25h9.5a.25.25 0 00.25-.25V6h-2.75A1.75 1.75
0 019 4.25V1.5H3.75zm6.75.062V4.25c0 .138.112.25.25.25h2.688a.252.252 0
00-.011-.013l-2.914-2.914a.272.272 0 00-.013-.011zM2 1.75C2 .784 2.784 0
3.75 0h6.586c.464 0 .909.184 1.237.513l2.914 2.914c.329.328.513.773.513
1.237v9.586A1.75 1.75 0 0113.25 16h-9.5A1.75 1.75 0 012
14.25V1.75z"></path>
</svg>
</div>

<div role="rowheader" class="flex-auto min-width-0 col-md-2 mr-3">
<a
class="js-navigation-open Link--primary" title="convertFromJSON.swift" data-
pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-
frame"
href="/tomieq/AppleCrashScripts/blob/master/convertFromJSON.swift">convertFr
omJSON.swift
</div>

```
<div role="gridcell" class="flex-auto min-width-0 d-none d-md-block col-5 mr-3">
  <div class="Skeleton Skeleton--text col-7">&nbsp;</div>
</div>
```

```
<div role="gridcell" class="color-fg-muted text-right"
style="width:100px;">
  <div class="Skeleton Skeleton--text">&nbsp;</div>
</div>
```

```
<a style="opacity:0;" class="position-absolute top-0 right-0 bottom-0
left-0 d-block d-sm-none"
href="/tomieq/AppleCrashScripts/blob/master/convertFromJSON.swift">
  convertFromJSON.swift
</a> </div>
```

```
<div role="row" class="Box-row Box-row--focus-gray py-2 d-flex position-
relative js-navigation-item ">
```

```
<div role="gridcell" class="mr-3 flex-shrink-0" style="width: 16px;">
  <svg aria-label="File" aria-hidden="true" height="16" viewBox="0 0 16
16" version="1.1" width="16" data-view-component="true" class="octicon
octicon-file color-fg-muted">
```

```
<path fill-rule="evenodd" d="M3.75 1.5a.25.25 0
00-.25.25v12.5c0 .138.112.25.25h9.5a.25.25 0 00.25-.25V6h-2.75A1.75 1.75
0 019 4.25V1.5H3.75zm6.75.062V4.25c0 .138.112.25.25h2.688a.252.252 0
00-.011-.013l-2.914-2.914a.272.272 0 00-.013-.011zM2 1.75C2 .784 2.784 0
3.75 0h6.586c.464 0 .909.184 1.237.513l2.914 2.914c.329.328.513.773.513
1.237v9.586A1.75 1.75 0 0113.25 16h-9.5A1.75 1.75 0 012
14.25V1.75z"></path>
```

```
</svg>
```

```
</div>
```

```
<div role="rowheader" class="flex-auto min-width-0 col-md-2 mr-3">
  <span class="css-truncate css-truncate-target d-block width-fit"><a
class="js-navigation-open Link--primary" title="symbolicate.swift" data-
pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-
frame"
href="/tomieq/AppleCrashScripts/blob/master/symbolicate.swift">symbolicate.s
wift</a></span>
</div>
```

```
<div role="gridcell" class="flex-auto min-width-0 d-none d-md-block col-5 mr-3">
  <div class="Skeleton Skeleton--text col-7">&nbsp;</div>
</div>
```

```
<div role="gridcell" class="color-fg-muted text-right"
style="width:100px;">
  <div class="Skeleton Skeleton--text">&nbsp;</div>
</div>
```

```
<a style="opacity:0;" class="position-absolute top-0 right-0 bottom-0
left-0 d-block d-sm-none"
href="/tomieq/AppleCrashScripts/blob/master/symbolicate.swift">
```

```

symbolicate.swift
</a>    </div>
</div>
<div class="Details-content--shown Box-footer d-md-none p-0">
  <button aria-expanded="false" type="button" data-view-component="true"
class="js-details-target btn-link d-block width-full px-3 py-2"> View code

</button>  </div>
</div>

</include-fragment>

```

```

</div>

```

```

<readme-toc data-catalyst="">

<div id="readme" class="Box md js-code-block-container js-code-nav-
container js-tagsearch-file Box--responsive" data-tagsearch-path="README.md"
data-tagsearch-lang="Markdown">

  <div class="d-flex js-sticky js-position-sticky top-0 border-top-0 border-
bottom p-2 flex-items-center flex-justify-between color-bg-default rounded-top-2"
style="position: sticky; z-index: 30; top: 0px !important;" data-original-
top="0px">
    <div class="d-flex flex-items-center">
      <details data-target="readme-toc.trigger" data-menu-hydro-
click="{&quot;event_type&quot;:&quot;repository_toc_menu.click&quot;,&quot;
payload&quot;:
{&quot;target&quot;:&quot;trigger&quot;,&quot;repository_id&quot;:414477389,
&quot;originating_url&quot;:&quot;https://github.com/tomieq/AppleCrashScripts?
ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-menu-hydro-click-
hmac="baba06b387cd214924dd1501739773a8617214ecbb0c485ac4a9e2840bf
e7a1b" class="dropdown details-reset details-overlay">
      <summary class="btn btn-octicon m-0 mr-2 p-2" aria-haspopup="menu" aria-
label="Table of Contents" role="button">
        <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-list-
unordered">
          <path fill-rule="evenodd" d="M2 4a1 1 0 100-2 1 1 0 000 2zm3.75-1.5a.75.75
0 00 1.5h8.5a.75.75 0 00-1.5h-8.5zm0 5a.75.75 0 00 1.5h8.5a.75.75 0 00-
1.5h-8.5zm0 5a.75.75 0 00 1.5h8.5a.75.75 0 00-1.5h-8.5zM3 8a1 1 0 11-2 0 1
1 0 012 0zm-1 6a1 1 0 100-2 1 1 0 000 2z"></path>
        </svg>
      </summary>

```

```

<details-menu class="SelectMenu" role="menu">
  <div class="SelectMenu-modal rounded-3 mt-1" style="max-height:340px;">

    <div class="SelectMenu-list SelectMenu-list--borderless p-2"
style="overscroll-behavior: contain;">

```

```

        <a role="menuitem" class="filter-item SelectMenu-item ws-normal wb-
break-word line-clamp-2 py-1 text-emphasized" style="-webkit-box-orient:
vertical; padding-left: 12px;" data-action="click:readme-toc#blur" data-
targets="readme-toc.entries" data-hydro-
click="{&quot;event_type&quot;:&quot;repository_toc_menu.click&quot;,&quot;
payload&quot;:
{&quot;target&quot;:&quot;entry&quot;,&quot;repository_id&quot;:414477389,&
quot;originating_url&quot;:&quot;https://github.com/tomieq/AppleCrashScripts?
ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-hydro-click-
hmac="9258aaf35f581ad79872547abd43baa5adc43edaeca8ff89567bc69b20c4
832d" href="#applecrashscripts">AppleCrashScripts</a>
        <a role="menuitem" class="filter-item SelectMenu-item ws-normal wb-
break-word line-clamp-2 py-1 " style="-webkit-box-orient: vertical; padding-left:
24px;" data-action="click:readme-toc#blur" data-targets="readme-toc.entries"
data-hydro-
click="{&quot;event_type&quot;:&quot;repository_toc_menu.click&quot;,&quot;
payload&quot;:
{&quot;target&quot;:&quot;entry&quot;,&quot;repository_id&quot;:414477389,&
quot;originating_url&quot;:&quot;https://github.com/tomieq/AppleCrashScripts?
ref=iosexample.com&quot;,&quot;user_id&quot;:null}}" data-hydro-click-
hmac="9258aaf35f581ad79872547abd43baa5adc43edaeca8ff89567bc69b20c4
832d" href="#documentation">Documentation</a>
    </div>
</div>
</details-menu>
</details>

```

```

    <h2 class="Box-title">
        <a href="#readme" data-view-component="true" class="Link--
primary">README.md</a>
    </h2>
</div>
</div>

```

```

    <div data-target="readme-toc.content" class="Box-body px-5 pb-5">
        <article class="markdown-body entry-content container-lg"
itemprop="text"><h1 dir="auto"><a id="user-content-applecrashscripts"
class="anchor" aria-hidden="true" href="#applecrashscripts"><svg
class="octicon octicon-link" viewBox="0 0 16 16" version="1.1" width="16"
height="16" aria-hidden="true"><path fill-rule="evenodd" d="M7.775
3.275a.75.75 0 001.06 1.06l1.25-1.25a2 2 0 112.83 2.83l-2.5 2.5a2 2 0 01-2.83 0
.75.75 0 00-1.06 1.06 3.5 3.5 0 004.95 0l2.5-2.5a3.5 3.5 0 00-4.95-4.95l-1.25
1.25zm-4.69 9.64a2 2 0 010-2.83l2.5-2.5a2 2 0 012.83 0 .75.75 0 001.06-1.06
3.5 3.5 0 00-4.95 0l-2.5 2.5a3.5 3.5 0 004.95 4.95l1.25-1.25a.75.75 0 00-1.06-
1.06l-1.25 1.25a2 2 0 01-2.83 0z"></path></svg></a>AppleCrashScripts</h1>
<p dir="auto">convertFromJSON.swift</p>
<ul dir="auto">
<li>script for converting .ips files from new Apple JSON Crash format (used on
iOS15 devices) to old style type crash report:</li>
</ul>
<p dir="auto"><code>swift convertFromJSON.swift -i {your_json_ips_file} -o
{name_for_file_where_crash_will_be_saved}</code></p>
<p dir="auto">symbolicate.swift</p>
<ul dir="auto">

```

script symbolicates crash report. It looks for the right dSYM files itself - you don't have to specify which one to use. Especially useful when you have a lot of dSYM files and you don't remember which one is the one. Simply put the script on the file system in the same directory where dSYM files are stored(unzipped!). Then call the script telling which crash report you want to symbolicate:

<p dir="auto"><code>swift symbolicate.swift -crash

{your_crash_file_name}</code></p>

<h2 dir="auto"><svg class="octicon octicon-link" viewBox="0 0 16 16" version="1.1" width="16" height="16" aria-hidden="true"><path fill-rule="evenodd" d="M7.775 3.275a.75.75 0 001.06 1.06l1.25-1.25a2 2 0 112.83 2.83l-2.5 2.5a2 2 0 01-2.83 0 .75.75 0 00-1.06 1.06 3.5 3.5 0 004.95 0l2.5-2.5a3.5 3.5 0 00-4.95-4.95l-1.25 1.25zm-4.69 9.64a2 2 0 010-2.83l2.5-2.5a2 2 0 012.83 0 .75.75 0 001.06-1.06 3.5 3.5 0 00-4.95 0l-2.5 2.5a3.5 3.5 0 004.95 4.95l1.25-1.25a.75.75 0 00-1.06-1.06l-1.25 1.25a2 2 0 01-2.83 0z"></path></svg>Documentation</h2>

<p dir="auto">The Apple crash report fields are described in official article</p>

<p dir="auto">As Apple likes to remove docs, the copy can be found here</p>

</article>

</div>

</div>

</readme-toc>

</div>

<div data-view-component="true" class="Layout-sidebar">

<div class="BorderGrid BorderGrid--spacious" data-pjax="">

<div class="BorderGrid-row hide-sm hide-md">

<div class="BorderGrid-cell">

<h2 class="mb-3 h4">About</h2>

<p class="f4 my-3">

Tool that converts Apple crash report from json to old style stack

</p>

<h3 class="sr-only">Resources</h3>

<div class="mt-2">

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-book mr-2">

<path fill-rule="evenodd" d="M0 1.75A.75.75 0 01.75 1h4.253c1.227 0 2.317.59 3 1.501A3.744 3.744 0 0111.006 1h4.245a.75.75 0 01.75.75v10.5a.75.75 0 01-.75.75h-4.507a2.25 2.25 0 00-

1.591.659l-.622.621a.75.75 0 01-1.06 0l-.622-.621A2.25 2.25 0 005.258
13H.75a.75.75 0 01-.75-.75V1.75zm8.755 3a2.25 2.25 0 012.25-2.25H14.5v9h-
3.757c-.71 0-1.4.201-1.992.572l.004-7.322zm-1.504 7.324l.004-5.073-.002-
2.253A2.25 2.25 0 005.003 2.5H1.5v9h3.757a3.75 3.75 0
011.994.574z"></path>
</svg>
 Readme
 </div>

<include-fragment aria-label="Loading..."
src="/tomieq/AppleCrashScripts/hovercards/citation/sidebar_partial?
tree_name=master">
</include-fragment>

<h3 class="sr-only">Stars</h3>
<div class="mt-2">
 <a href="/tomieq/AppleCrashScripts/stargazers" data-view-component="true"
class="Link--muted">
 <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-star mr-2">
 <path fill-rule="evenodd" d="M8 .25a.75.75 0 01.673.418l1.882 3.815
4.21612a.75.75 0 01.416 1.279l-3.046 2.97719 4.192a.75.75 0 01-1.088.791L8
12.347l-3.766 1.98a.75.75 0 01-1.088-.791l-7.2-4.194L8.18 6.374a.75.75 0
01.416-1.28l4.21-.611L7.327.668A.75.75 0 018 .25zm0 2.445L6.615 5.5a.75.75
0 01-.564.41l-3.097.45 2.24 2.184a.75.75 0 01.216.664l-.528 3.084 2.769-
1.456a.75.75 0 01.698 0l2.77 1.456-.53-3.084a.75.75 0 01.216-.664l2.24-2.183-
3.096-.45a.75.75 0 01-.564-.41L8 2.694v.001z"></path>
</svg>
 46
 stars
 </div>

<h3 class="sr-only">Watchers</h3>
<div class="mt-2">
 <a href="/tomieq/AppleCrashScripts/watchers" data-view-component="true"
class="Link--muted">
 <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-eye mr-2">
 <path fill-rule="evenodd" d="M1.679 7.932c.412-.621 1.242-1.75 2.366-
2.717C5.175 4.242 6.527 3.5 8 3.5c1.473 0 2.824.742 3.955 1.715 1.124.967
1.954 2.096 2.366 2.717a.119.119 0 010 .136c-.412.621-1.242 1.75-2.366
2.717C10.825 11.758 9.473 12.5 8 12.5c-1.473 0-2.824-.742-3.955-1.715C2.92
9.818 2.09 8.69 1.679 8.068a.119.119 0 010-.136zM8 2c-1.981 0-3.67.992-4.933
2.078C1.797 5.169.88 6.423.43 7.1a1.619 1.619 0 000 1.798c.45.678 1.367
1.932 2.637 3.024C4.329 13.008 6.019 14 8 14c1.981 0 3.67-.992 4.933-2.078
1.27-1.091 2.187-2.345 2.637-3.023a1.619 1.619 0 000-1.798c-.45-.678-1.367-
1.932-2.637-3.023C11.671 2.992 9.981 2 8 2zm0 8a2 2 0 100-4 2 2 0 000
4z"></path>
</svg>
 2
 watching
 </div>

</div>

<h3 class="sr-only">Forks</h3>

<div class="mt-2">

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-repo-forked mr-2">

<path fill-rule="evenodd" d="M5 3.25a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm0 2.122a2.25 2.25 0 10-1.5 0v.878A2.25 2.25 0 005.75 8.5h1.5v2.128a2.251 2.251 0 101.5 0V8.5h1.5a2.25 2.25 0 002.25-2.25v-.878a2.25 2.25 0 10-1.5 0v.878a.75.75 0 01-.75.75h-4.5A.75.75 0 015 6.25v-.878zm3.75 7.378a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm3-8.75a.75.75 0 100-1.5.75.75 0 000 1.5z"></path>

</svg>

11

forks

</div>

</div>

</div>

<div class="BorderGrid-row">

<div class="BorderGrid-cell">

<h2 class="h4 mb-3" data-pjax="#repo-content-pjax-container" data-turbo-frame="repo-content-turbo-frame">

Releases

1</h2>

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-tag flex-shrink-0 mt-1 color-fg-success">

<path fill-rule="evenodd" d="M2.5 7.775V2.75a.25.25 0 01.25-.25h5.025a.25.25 0 01.177.073l6.25 6.25a.25.25 0 010 .354l-5.025 5.025a.25.25 0 01-.354 0l-6.25-6.25a.25.25 0 01-.073-.177zm-1.5 0V2.75C1 1.784 1.784 1 2.75 1h5.025c.464 0 .91184 1.238.513l6.25 6.25a1.75 1.75 0 010 2.474l-5.026 5.026a1.75 1.75 0 01-2.474 0l-6.25-6.25A1.75 1.75 0 011 7.775zM6.5 1 0 100 2 1 0 000-2z"></path>

</svg>

<div class="ml-2 min-width-0">

<div class="d-flex">

1.0.0

Latest

```
</span>    </div>
    <div class="text-small color-fg-muted"><relative-time datetime="2022-06-20T16:40:10Z" class="no-wrap" title="20 Jun 2022, 17:40 BST">on 20 Jun</relative-time></div>
  </div>
</a>
  </div>
</div>
```

```
    <div class="BorderGrid-row">
      <div class="BorderGrid-cell">
        <h2 class="h4 mb-3">
          <a href="/users/tomieq/packages?repo_name=AppleCrashScripts" data-view-component="true" class="Link--primary no-underline">
            Packages <span title="0" hidden="hidden" data-view-component="true" class="Counter">0</span>
          </a></h2>
```

```
    <div class="text-small color-fg-muted">
      No packages published <br>
    </div>
```

```
  </div>
</div>
```

```
    <div class="BorderGrid-row" hidden="">
      <div class="BorderGrid-cell">
        <include-fragment src="/tomieq/AppleCrashScripts/used_by_list"
accept="text/fragment+html">
      </include-fragment>
    </div>
  </div>
```

```
    <div class="BorderGrid-row">
      <div class="BorderGrid-cell">
        <h2 class="h4 mb-3">
          <a href="/tomieq/AppleCrashScripts/graphs/contributors" data-view-component="true" class="Link--primary no-underline">
            Contributors <span title="2" data-view-component="true" class="Counter">2</span>
          </a></h2>
```

```
<ul class="list-style-none ">
  <li class="mb-2 d-flex" data-test-selector="grid-mode-element">
```



```

        <a href="https://github.com/tomieq" class="mr-2" data-hovercard-
type="user" data-hovercard-url="/users/tomieq/hovercard" data-octo-
click="hovercard-link-click" data-octo-dimensions="link_type:self">
        
        </a>
        <span data-view-component="true" class="flex-self-center min-width-0 css-
truncate css-truncate-overflow width-fit flex-auto">
        <a href="https://github.com/tomieq" class="Link--primary no-underline
flex-self-center">
        <strong>tomieq</strong>

        </a>
</span> </li>
<li class="mb-2 d-flex" data-test-selector="grid-mode-element">
        <a href="https://github.com/atsushi-ageet" class="mr-2" data-hovercard-
type="user" data-hovercard-url="/users/atsushi-ageet/hovercard" data-octo-
click="hovercard-link-click" data-octo-dimensions="link_type:self">
        
        </a>
        <span data-view-component="true" class="flex-self-center min-width-0 css-
truncate css-truncate-overflow width-fit flex-auto">
        <a href="https://github.com/atsushi-ageet" class="Link--primary no-
underline flex-self-center">
        <strong>atsushi-ageet</strong>

        </a>
</span> </li>
</ul>

```

```

</div>
</div>

```

```

<div class="BorderGrid-row">
  <div class="BorderGrid-cell">
    <h2 class="h4 mb-3">Languages</h2>
  </div>
</div>
<div class="mb-2">
  <span data-view-component="true" class="Progress">
    <span style="background-color:#F05138 !important;;width: 100.0%;
itemprop="keywords" aria-label="Swift 100.0" data-view-component="true"
class="Progress-item color-bg-success-emphasis"></span>
  </span></div>
<ul class="list-style-none">
  <li class="d-inline">

```

```
    <a class="d-inline-flex flex-items-center flex-nowrap Link--secondary no-
underline text-small mr-3" href="/tomieq/AppleCrashScripts/search?l=swift"
data-ga-click="Repository, language stats search click, location:repo overview">
    <svg style="color:#F05138;" aria-hidden="true" height="16" viewBox="0
0 16 16" version="1.1" width="16" data-view-component="true" class="octicon
octicon-dot-fill mr-2">
    <path fill-rule="evenodd" d="M8 4a4 4 0 100 8 4 4 0 000-8z"></path>
</svg>
    <span class="color-fg-default text-bold mr-1">Swift</span>
    <span>100.0%</span>
  </a>
</li>
</ul>
```

```
    </div>
  </div>
</div>
```

```
</div></div>
```

```
</div>
```

```
</div>
```

```
</turbo-frame>
```

```
</main>
</div>
```

```
</div>
```

```
    <footer class="footer width-full container-xl p-responsive">
    <h2 class="sr-only">Footer</h2>
```

```
    <div class="position-relative d-flex flex-items-center pb-2 f6 color-fg-muted
border-top color-border-muted flex-column-reverse flex-lg-row flex-wrap flex-lg-
nowrap mt-6 pt-6">
    <div class="list-style-none d-flex flex-wrap col-0 col-lg-2 flex-justify-start flex-
lg-justify-between mb-2 mb-lg-0">
    <div class="mt-2 mt-lg-0 d-flex flex-items-center">
    <a aria-label="Homepage" title="GitHub" class="footer-octicon mr-2"
href="https://github.com">
    <svg aria-hidden="true" height="24" viewBox="0 0 16 16" version="1.1"
width="24" data-view-component="true" class="octicon octicon-mark-github">
    <path fill-rule="evenodd" d="M8 0C3.58 0 0 3.58 0 8c0 3.54 2.29 6.53 5.47
7.59.4.07.55-.17.55-.38 0-.19-.01-.82-.01-1.49-2.01-3.7-2.53-4.9-
2.69-.94-.09-.23-.48-.94-.82-1.13-.28-.15-.68-.52-.01-.53.63-.01 1.08.58
1.23.82.72 1.21 1.87.87 2.33.66.07-.52.28-.87.51-1.07-1.78-.2-3.64-.89-3.64-
3.95 0-.87.31-1.59.82-2.15-.08-.2-.36-1.02.08-2.12 0 0 .67-.21 2.2.82.64-.18
1.32-.27 2-.27.68 0 1.36.09 2 .27 1.53-1.04 2.2-.82 2.2-.82.44 1.1.16 1.92.08
2.12.51.56.82 1.27.82 2.15 0 3.07-1.87 3.75-3.65 3.95.29.25.54.73.54 1.48 0
```

1.07-.01 1.93-.01 2.2 0 .21.15.46.55.38A8.013 8.013 0 0016 8c0-4.42-3.58-8-8-8z"></path>

</svg>

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</div>

</div>

<nav aria-label="footer" class="col-12 col-lg-8">

<h3 class="sr-only" id="sr-footer-heading">Footer navigation</h3>

<ul class="list-style-none d-flex flex-wrap col-12 flex-justify-center flex-lg-justify-between mb-2 mb-lg-0" aria-labelledby="sr-footer-heading">

<li class="mr-3 mr-lg-0">Terms

<li class="mr-3 mr-lg-0">Privacy

<li class="mr-3 mr-lg-0"><a data-analytics-event="{"category":"Footer","action":"go to security","label":"text:security"}" href="https://github.com/security">Security

<li class="mr-3 mr-lg-0">Status

<li class="mr-3 mr-lg-0"><a data-ga-click="Footer, go to help, text:Docs" href="https://docs.github.com">Docs

<li class="mr-3 mr-lg-0">Contact GitHub

<li class="mr-3 mr-lg-0">Pricing

<li class="mr-3 mr-lg-0">API

<li class="mr-3 mr-lg-0">Training

<li class="mr-3 mr-lg-0">Blog

```
      <li><a data-ga-click="Footer, go to about, text:about"
href="https://github.com/about">About</a></li>
```

```
    </ul>
```

```
  </nav>
```

```
</div>
```

```
<div class="d-flex flex-justify-center pb-6">
```

```
  <span class="f6 color-fg-muted"></span>
```

```
</div>
```

```
</footer>
```

```
<div id="ajax-error-message" class="ajax-error-message flash flash-error"
hidden="">
```

```
  <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-alert">
```

```
    <path fill-rule="evenodd" d="M8.22 1.754a.25.25 0 00-.44 0L1.698
13.132a.25.25 0 00.22.368h12.164a.25.25 0 00.22-.368L8.22 1.754zm-
1.763-.707c.659-1.234 2.427-1.234 3.086 0l6.082 11.378A1.75 1.75 0 0114.082
15H1.918a1.75 1.75 0 01-1.543-2.575L6.457 1.047zM9 11a1 1 0 11-2 0 1 1 0
0 12 0zm-.25-5.25a.75.75 0 00-1.5 0v2.5a.75.75 0 001.5 0v-2.5z"></path>
</svg>
```

```
  <button type="button" class="flash-close js-ajax-error-dismiss" aria-
label="Dismiss error">
```

```
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-x">
```

```
    <path fill-rule="evenodd" d="M3.72 3.72a.75.75 0 011.06 0L8 6.94l3.22-
3.22a.75.75 0 111.06 1.06L9.06 8l3.22 3.22a.75.75 0 11-1.06 1.06L8 9.06l-3.22
3.22a.75.75 0 01-1.06-1.06L6.94 8 3.72 4.78a.75.75 0 010-1.06z"></path>
</svg>
```

```
  </button>
```

```
  You can't perform that action at this time.
```

```
</div>
```

```
<div class="js-stale-session-flash flash flash-warn flash-banner" hidden="">
```

```
  <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-alert">
```

```
    <path fill-rule="evenodd" d="M8.22 1.754a.25.25 0 00-.44 0L1.698
13.132a.25.25 0 00.22.368h12.164a.25.25 0 00.22-.368L8.22 1.754zm-
1.763-.707c.659-1.234 2.427-1.234 3.086 0l6.082 11.378A1.75 1.75 0 0114.082
15H1.918a1.75 1.75 0 01-1.543-2.575L6.457 1.047zM9 11a1 1 0 11-2 0 1 1 0
0 12 0zm-.25-5.25a.75.75 0 00-1.5 0v2.5a.75.75 0 001.5 0v-2.5z"></path>
</svg>
```

```
  <span class="js-stale-session-flash-signed-in" hidden="">You signed in with
another tab or window. <a href="">Reload</a> to refresh your session.</span>
```

```
  <span class="js-stale-session-flash-signed-out" hidden="">You signed out in
another tab or window. <a href="">Reload</a> to refresh your session.</span>
```

```
</div>
```

```
  <template id="site-details-dialog">
```

```
  <details class="details-reset details-overlay details-overlay-dark lh-default
color-fg-default hx_rsm" open="">
```

```
    <summary role="button" aria-label="Close dialog"></summary>
```

```

<details-dialog class="Box Box--overlay d-flex flex-column anim-fade-in fast
hx_rsm-dialog hx_rsm-modal">
  <button class="Box-btn-octicon m-0 btn-octicon position-absolute right-0
top-0" type="button" aria-label="Close dialog" data-close-dialog="">
    <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-x">
      <path fill-rule="evenodd" d="M3.72 3.72a.75.75 0 011.06 0L8 6.94l3.22-
3.22a.75.75 0 111.06 1.06L9.06 8l3.22 3.22a.75.75 0 11-1.06 1.06L8 9.06l-3.22
3.22a.75.75 0 01-1.06-1.06L6.94 8 3.72 4.78a.75.75 0 010-1.06z"></path>
    </svg>
  </button>
  <div class="octocat-spinner my-6 js-details-dialog-spinner"></div>
</details-dialog>
</details>
</template>

```

```

<div class="Popover js-hovercard-content position-absolute" style="display:
none; outline: none;" tabindex="0">
  <div class="Popover-message Popover-message--bottom-left Popover-
message--large Box color-shadow-large" style="width:360px;"></div>
</div>

```

```

<template id="snippet-clipboard-copy-button">
  <div class="zeroclipboard-container position-absolute right-0 top-0">
    <clipboard-copy aria-label="Copy" class="ClipboardButton btn js-clipboard-
copy m-2 p-0 tooltipped-no-delay" data-copy-feedback="Copied!" data-tooltip-
direction="w">
      <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-copy js-
clipboard-copy-icon m-2">
        <path fill-rule="evenodd" d="M0 6.75C0 5.784 7.84 5 1.75 5h1.5a.75.75 0 010
1.5h-1.5a.25.25 0 00-.25.25v7.5c0 .138 112.25.25.25h7.5a.25.25 0 00.25-.25v-
1.5a.75.75 0 011.5 0v1.5A1.75 1.75 0 019.25 16h-7.5A1.75 1.75 0 010 14.25v-
7.5z"></path><path fill-rule="evenodd" d="M5 1.75C5 .784 5.784 0 6.75
0h7.5C15.216 0 16 .784 16 1.75v7.5A1.75 1.75 0 0114.25 11h-7.5A1.75 1.75 0
015 9.25v-7.5zm1.75-.25a.25.25 0
00-.25.25v7.5c0 .138 112.25.25.25h7.5a.25.25 0 00.25-.25v-7.5a.25.25 0
00-.25-.25h-7.5z"></path>
      </svg>
      <svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1"
width="16" data-view-component="true" class="octicon octicon-check js-
clipboard-check-icon color-fg-success d-none m-2">
        <path fill-rule="evenodd" d="M13.78 4.22a.75.75 0 010 1.06l-7.25
7.25a.75.75 0 01-1.06 0L2.22 9.28a.75.75 0 011.06-1.06L6 10.94l6.72-
6.72a.75.75 0 011.06 0z"></path>
      </svg>
    </clipboard-copy>
  </div>
</template>

```

```
<div aria-live="polite" class="sr-only"></div></body></html>
```

```
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rel="icon" href="/tutorials/favicon.ico"><link rel="mask-icon"
href="/tutorials/apple-logo.svg" color="#333333"><title>Injecting a script into
a webpage | Apple Developer Documentation</title><script>var baseUrl =
"/tutorials/"</script><link href="/tutorials/css/documentation-
topic.bbb24f8e.css" rel="prefetch"><link href="/tutorials/css/documentation-
topic~topic~tutorials-overview~welcome-experience-featured~welcome-
experience-technologies.2cd301da.css" rel="prefetch"><link
href="/tutorials/css/documentation-topic~welcome-experience-
technologies.14d99f8e.css" rel="prefetch"><link href="/tutorials/css/global-
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href="/tutorials/css/topic.3a24e62a.css" rel="prefetch"><link
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href="/tutorials/css/documentation-topic~topic~tutorials-overview~welcome-
experience-featured~welcome-experience-technologies.2cd301da.css"><script
charset="utf-8" src="/tutorials/js/documentation-topic~topic~tutorials-
overview~welcome-experience-featured~welcome-experience-
technologies.22a8ee56.js"></script><link rel="stylesheet" type="text/css"
href="/tutorials/css/documentation-topic~welcome-experience-
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src="/tutorials/js/documentation-topic~welcome-experience-
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Documentation"><meta property="og:type" content="website"><meta
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Documentation"><meta property="og:description" content="Inject a script that
you write for a Safari app extension into a webpage."><meta property="og:url"
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og.jpg"><meta name="twitter:image"
content="https://developer.apple.com/tutorials/developer-og-twitter.jpg"><meta
name="twitter:card" content="summary_large_image"><meta
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app extension into a webpage."><meta name="twitter:title" content="Injecting
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8" src="/tutorials/js/highlight-js-javascript.725f2e9d.js"></script><script
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s_account="awdappledeveloper"</script><script
src="/tutorials/js/analytics.js"></script></div><noscript>&lt;style&gt;.noscript{
font-family:"SF Pro Display","SF Pro Icons","Helvetica Neue",Helvetica,Arial,sans-
serif;margin:92px auto 140px auto;text-align:center;width:980px}.noscript-
```

title{color:#111;font-size:48px;font-weight:600;letter-spacing:-.003em;line-height:1.08365;margin:0 auto 54px auto;width:502px}@media only screen and (max-width:1068px){.noscript{margin:90px auto 120px auto;width:692px}.noscript-title{font-size:40px;letter-spacing:0;line-height:1.1;margin:0 auto 45px auto;width:420px}}@media only screen and (max-width:735px){.noscript{margin:45px auto 60px auto;width:87.5%}.noscript-title{font-size:32px;letter-spacing:.004em;line-height:1.125;margin:0 auto 35px auto;max-width:330px;width:auto}}#loading-placeholder{display:none}</style><div class="noscript"><h1 class="noscript-title">This page requires JavaScript.</h1><p>Please turn on JavaScript in your browser and refresh the page to view its content.</p></div></noscript><div data-v-24f4912f="" data-v-2fddaabf="" id="app" class="core-app"><a data-v-24f4912f="" href="#main" id="skip-nav">Skip Navigation<!--><div data-v-2fddaabf="" class="global-header" data-v-24f4912f=""><aside id="ac-gn-segmentbar" lang="en-US" dir="ltr" class="ac-gn-segmentbar"></aside><input type="checkbox" id="ac-gn-menustate" class="ac-gn-menustate"><nav id="ac-globalnav" role="navigation" aria-label="Global" data-hires="false" data-analytics-region="global nav" lang="en-US" dir="ltr" data-store-locale="us" data-store-api="/[storefront]/shop/bag/status" data-search-locale="en_US" data-search-api="/search-services/suggestions" class="js touch"><div class="ac-gn-content"><ul class="ac-gn-header"><li class="ac-gn-item ac-gn-menuicon"><label for="ac-gn-menustate" aria-hidden="true" class="ac-gn-menu icon-label"></label>Global Nav Open MenuGlobal Nav Close Menu<li class="ac-gn-item ac-gn-apple">Apple Developer<div role="search" class="ac-gn-search-placeholder-container"><div class="ac-gn-search ac-gn-search-small"><div class="ac-gn-search-placeholder-bar"><div class="ac-gn-search-placeholder-input"><div aria-hidden="true" class="ac-gn-search-placeholder-input-text"><div class="ac-gn-link-search ac-gn-search-placeholder-input-icon"></div>Search Developer</div></div><div class="ac-gn-searchview-close ac-gn-searchview-close-small ac-gn-search-placeholder-searchview-close">Cancel</div></div></div></div><ul class="ac-gn-list"><li class="ac-gn-item ac-gn-apple">Apple Developer<li class="ac-gn-item ac-gn-item-


```
menu ac-gn-discover"><a href="/news/" data-analytics-title="discover"
class="ac-gn-link ac-gn-link-discover"><span
class="ac-gn-link-text">News</span></a></li><li class="ac-gn-item ac-gn-
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class="ac-gn-link ac-gn-link-discover"><span class="ac-gn-link-
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class="ac-gn-item ac-gn-item-menu ac-gn-develop"><a href="/develop/" data-
analytics-title="develop" class="ac-gn-link ac-gn-link-develop"><span
class="ac-gn-link-text">Develop</span></a></li><li class="ac-gn-item ac-gn-
item-menu ac-gn-distribute"><a href="/distribute/" data-analytics-
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link-text">Distribute</span></a></li><li class="ac-gn-item ac-gn-item-menu
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class="ac-gn-link-text">Support</span></a></li><li class="ac-gn-item ac-gn-
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analytics-title="search" data-analytics-click="search" data-analytics-intrapage-
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expanded="true" aria-owns="quicklinks suggestions" class="ac-gn-searchform-
input"><button id="ac-gn-searchform-submit" type="submit"
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submit"></button><button id="ac-gn-searchform-reset" type="reset"
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reset"><span
class="ac-gn-searchform-reset-background"></span></button></div></
form><button id="ac-gn-searchview-close-small" aria-label="Cancel Search"
class="ac-gn-searchview-close ac-gn-searchview-close-small"><span aria-
hidden="true" class="ac-gn-searchview-close-cancel"> Cancel
</span></button></div></div><aside id="ac-gn-searchresults" data-string-
quicklinks="Quick Links" data-string-suggestions="Suggested Searches" data-
string-noresults="" class="ac-gn-searchresults"></aside></div><button
id="ac-gn-searchview-close" aria-label="Cancel Search" class="ac-gn-
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class="ac-gn-searchview-close-left"></span><span class="ac-gn-searchview-
close-right"></span></span></button></aside></div></nav><div class="ac-
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data-v-3b7b98ba="" data-v-5836c190="" data-v-31b53fce="" data-v-
```

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class="indicator"><svg data-v-7f60a732="" data-v-3552545c="" aria-
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icon-inline toggle-icon" viewBox="0 0 14 14"><path data-v-7f60a732=""
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1.171875zm4.35351562 0c.65039062 0 1.171875-.52148438 1.171875-
1.171875s-.52148438-1.171875-1.171875-1.171875c-.64453125 0-
1.16601562.52148438-1.16601562 1.171875s.52148437 1.171875 1.16601562
1.171875zm4.3535156 0c.6503906 0 1.171875-.52148438 1.171875-
1.171875s-.5214844-1.171875-1.171875-1.171875c-.6621094 0-
1.1835937.52148438-1.1835937 1.171875s.5214843 1.171875 1.1835937
1.171875z"></path></svg></button><ul data-v-3552545c=""
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class="nav-menu-link router-link-active">Safari Services<li data-v-
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href="/documentation/safariservices/safari_app_extensions" class="nav-menu-
link router-link-active">Safari app extensions<li data-v-
c1dad078="" data-v-0d4c1e86="" class="nav-menu-item hierarchy-item nav-
menu-item--animated" data-v-eb8f9ef0="" data-v-3acd447b=""><span data-v-
eb8f9ef0="" data-v-c1dad078="" class="hierarchy-item-icon
icon-inline"><span data-v-eb8f9ef0="" data-v-c1dad078=""
class="current item"> Injecting a script into a webpage <ul
data-v-3acd447b="" data-v-5836c190="" data-previous-menu-children-
count="3" class="nav-menu-items nav-menu-settings" data-v-3b7b98ba=""><li
data-v-c1dad078="" data-v-1a479408="" data-v-5836c190="" class="nav-
menu-item nav-menu-setting language-container nav-menu-item--animated"
data-v-3acd447b=""><div data-v-1a479408="" data-v-c1dad078=""
class="language-toggle-container"><select data-v-1a479408="" data-v-
c1dad078="" aria-hidden="true" tabindex="-1" class="language-dropdown
language-sizer"><option data-v-1a479408="" data-v-c1dad078=""
selected="selected">Swift</option></select><label data-v-1a479408="" data-
v-c1dad078="" for="language-toggle" class="nav-menu-setting-
label">Language:</label><select data-v-1a479408="" data-v-c1dad078=""
id="language-toggle" class="language-dropdown nav-menu-link" style="width:
6px;"><option data-v-1a479408="" data-v-c1dad078="" value="swift"> Swift
</option><option data-v-1a479408="" data-v-c1dad078="" value="occ">
Objective-C </option></select><svg data-v-7f60a732="" data-v-1a479408=""
aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-down-icon toggle-icon icon-inline" viewBox="0 0 14 14" data-v-
c1dad078=""><path data-v-7f60a732="" d="m6.94042969
10.6855469c.17089843 0 .34179687-.0683594.45800781-.198242215.2910156-
5.42089845c.116211-.11621094.1845703-.26660156.1845703-.4375
0-.35546875-.2666015-.62890625-.6220703-.62890625-.1708984
0-.328125.06835938-.4443359.17773438-4.86718751 4.9765625-4.87402344-
4.9765625c-.109375-.109375-.26660156-.17773438-.44433594-.17773438-.355
46875 0-.62207031.2734375-.62207031.62890625
0 .17089844.06835938.32128906.18457031.4443359415.29101563

5.41406251c.12988281.1298828.28710937.1982422.46484375.1982422z"></path></svg></div><div data-v-1a479408="" data-v-c1dad078="" class="language-list-container">Language:<ul data-v-1a479408="" data-v-c1dad078="" class="language-list"><li data-v-1a479408="" data-v-c1dad078="" class="language-list-item"> Swift <li data-v-1a479408="" data-v-c1dad078="" class="language-list-item"><a data-v-1a479408="" href="/documentation/safariservices/safari_app_extensions/injecting_a_script_into_a_webpage?language=objc" class="nav-menu-link" data-v-c1dad078="">Objective-C </div><!--><li data-v-c1dad078="" data-v-1ca2752b="" data-v-31b53fce="" class="nav-menu-item nav-menu-setting nav-menu-item--animated" data-v-3acd447b=""><label data-v-1ca2752b="" data-v-c1dad078="" for="version-label" class="nav-menu-setting-label"> API Changes:</label>None<!--></div></div><div data-v-3b7b98ba="" class="nav-actions"><a data-v-3b7b98ba="" href="#" tabindex="-1" aria-hidden="true" class="nav-menucta"></div></div><!--></nav><div data-v-97c1bc40="" data-v-f59e0e60="" class="adjustable-sidebar-width full-width-container topic-wrapper"><div data-v-97c1bc40="" class="sidebar"><div data-v-97c1bc40="" class="aside" style="width: 137px; --top-offset-mobile: 0px; --app-height: 663px; --top-offset: 48px;"><div data-v-f59e0e60="" data-v-97c1bc40="" class="doc-topic-aside"><nav data-v-6bb3a4bb="" data-v-f59e0e60="" aria-labelledby="<root>" class="navigator" data-v-97c1bc40="" style="display: none;"><div data-v-3769e00e="" data-v-aab192ac="" data-v-6bb3a4bb="" class="navigator-card"><div data-v-3769e00e="" class="navigator-card-full-height"><div data-v-14aa6277="" data-v-3769e00e="" class="navigator-card-inner"><div data-v-14aa6277="" data-v-14aa6277="" class="head-wrapper"><button data-v-3769e00e="" data-v-14aa6277="" aria-label="Close documentation navigator" class="close-card-mobile"><svg data-v-7f60a732="" data-v-3769e00e="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon sidenav-icon icon-inline close-icon" viewBox="0 0 14 14" height="14" data-v-14aa6277=""><path data-v-7f60a732="" d="M11.632 11.991c0.577 0 1.010-0.143 1.299-0.43 0.287-0.286 0.432-0.713 0.432-1.278v-6.562c0-0.565-0.145-0.991-0.433-1.28s-0.721-0.433-1.298-0.433h-9.264c-0.569 0-1 0.144-1.292 0.43s-0.439 0.714-0.439 1.283v6.562c0 0.569 0.147 0.996 0.439 1.28s0.723 0.427 1.292 0.427h9.264zM4.837 11.030h-2.43c-0.258 0-0.455-0.068-0.591-0.205s-0.206-0.34-0.206-0.609v-6.425c0-0.269 0.068-0.472 0.205-0.609s0.335-0.205 0.592-0.205h2.43v8.053zM11.593 11.030h-5.828v-8.053h5.827c0.258 0 0.458 0.068 0.598 0.205s0.211 0.34 0.211 0.609v6.425c0 0.27-0.070 0.473-0.211 0.609s-0.339 0.205-0.597 0.205zM3.791 4.963c0.091 0 0.168-0.033 0.233-0.1 0.060-0.057 0.097-0.138 0.097-0.228s-0.037-0.17-0.097-0.228l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.138-0.097 0.228s0.037 0.17 0.097 0.228l0 0c0.064 0.067 0.14 0.1 0.227 0.1h1.132zM3.791 6.379c0.091 0 0.168-0.032 0.233-0.097 0.060-0.057 0.098-0.137 0.098-0.226s-0.037-0.17-0.098-0.226l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.137-0.097 0.226s0.037 0.169 0.097 0.226l0 0c0.057 0.060 0.137 0.097 0.226 0.097 0 0 0.001 0 0.001 0h1.132zM3.791

7.796c0.091 0 0.168-0.032 0.233-0.097 0.059-0.056 0.096-0.135 0.097-0.222v-0c0-0.002 0-0.004 0-0.007 0-0.088-0.037-0.168-0.096-0.224l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.056-0.097 0.136-0.097 0.224 0 0.002 0 0.005 0 0.007l-0-0c0 0.083 0.032 0.158 0.097 0.222 0.057 0.060 0.137 0.097 0.225 0.097 0.001 0 0.001 0

0.002-0h1.132z"></path></svg></button><a data-v-3769e00e="" href="/documentation/safariservices" class="navigator-head router-link-active" id="<root>" data-v-14aa6277=""><h2 data-v-3769e00e="" class="card-link">Safari Services </h2></div><div data-v-3769e00e="" data-v-14aa6277="" class="card-body"><div data-v-3769e00e="" class="vue-recycle-scroller scroller ready direction-vertical" id="sidebar-scroll-lock" aria-label="Documentation Navigator" data-v-14aa6277="" style=""><!--> <div class="vue-recycle-scroller__item-wrapper" style="min-height: 1664px;"><div class="vue-recycle-scroller__item-view" style="transform: translateY(0px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--196255993" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 1 of 36 symbols inside <h3 data-v-354ee602="" id="-196255993" tabindex="-1" aria-describedby="label--196255993 <root> usage--196255993" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Safari web extensions</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(32px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1462018217" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="1462018217" aria-expanded="false" aria-describedby="label-1462018217 <root> label-parent-1462018217" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title

data-v-7f60a732=""><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343
S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-
1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent-
1462018217">, containing 30 symbols<span data-v-354ee602=""
id="label-1462018217" hidden="hidden"> 2 of 36 symbols inside <a
data-v-354ee602=""
href="/documentation/safariservices/safari_web_extensions" class="leaf-link"
id="1462018217" tabindex="-1" aria-describedby="label-1462018217 <root>
label-parent-1462018217 usage-1462018217"><p data-v-53c78ce5="" data-v-
354ee602="" class="highlight">Safari web
extensions</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(64px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--196255991" class="navigator-
card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-
wrapper is-group"><span data-v-354ee602="" hidden="hidden" id="usage--
196255991"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow
or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--
></div><!--><div data-v-354ee602="" class="title-container"><!--><span
data-v-354ee602="" id="label--196255991" hidden="hidden"> 3 of 36 symbols
inside <h3 data-v-354ee602="" id="-196255991" tabindex="-1" aria-
describedby="label--196255991 <root> usage--196255991" class="leaf-
link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Content
blockers</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(96px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--2084448147"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""

hidden="hidden" id="usage--2084448147"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 4 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/creating_a_content_blocker" class="leaf-link" id="-2084448147" tabindex="-1" aria-describedby="label--2084448147"><root> usage--2084448147"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Creating a content blocker</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(128px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--2010979993" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-

```
labelledby="-2010979993" aria-expanded="false" aria-describedby="label--
2010979993 <root> label-parent--2010979993" class="tree-toggle"><svg data-
v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--2010979993">, containing 4
symbols</span><span data-v-354ee602="" id="label--2010979993"
hidden="hidden"> 5 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sfcontentblockermanager" class="leaf-link"
id="-2010979993" tabindex="-1" aria-describedby="label--2010979993 <root>
label-parent--2010979993 usage--2010979993"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFContentBlockerManager</p></a><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(160px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-499956044" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-499956044"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="499956044" aria-expanded="false" aria-
describedby="label-499956044 <root> label-parent-499956044" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
```


4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspace
data-v-7f60a732="">C</tspace></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-499956044">, containing 2
symbols<span data-v-354ee602="" id="label-499956044"
hidden="hidden"> 6 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfcontentblockerstate" class="leaf-link"
id="499956044" tabindex="-1" aria-describedby="label-499956044 <root>
label-parent-499956044 usage-499956044"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFContentBlockerState</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(192px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--196255987" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage--196255987"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--196255987" hidden="hidden"> 7 of 36 symbols inside <h3
data-v-354ee602="" id="-196255987" tabindex="-1" aria-describedby="label--
196255987 <root> usage--196255987" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Safari app
extensions</p></h3><!--></div></div></div><div class="vue-
recycle-scroller__item-view" style="transform: translateY(224px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-1071767106"
class="navigator-card-item expanded" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage-1071767106"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="1071767106" aria-expanded="true" aria-describedby="label-
1071767106 <root> label-parent-1071767106" class="tree-toggle"><svg data-
v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron rotate" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.23242195.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062

0.21875,0.09570312,4.3066407,2.4609375,5.8789063|4.79199219,4.67578125-4.79199219
4.6621094c-.15722656,1.640625-.24609375,3.623047-.24609375,5.878906
0
.4511719,3.5546875,8.066406,8.1347656,8.066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-
icon icon-inline" viewBox="0 0 14 14"><title
data-v-7f60a732="">Collection</title><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343
S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-
1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent-
1071767106">, containing 16 symbols<span data-v-354ee602=""
id="label-1071767106" hidden="hidden"> 8 of 36 symbols inside <a
data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions"
class="leaf-link router-link-active bolded" id="1071767106" tabindex="-1" aria-
describedby="label-1071767106 <root> label-parent-1071767106 usage-
1071767106"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">Safari app
extensions</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(256px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-1831401504"
class="navigator-card-item" style="--nesting-index: 1;"><div data-v-
354ee602="" class="head-wrapper is-group"><span data-v-354ee602=""
hidden="hidden" id="usage-1831401504"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><!--></div><!--><div data-v-354ee602=""

class="title-container"><!--> 1 of 16 symbols inside <h3 data-v-354ee602="" id="1831401504" tabindex="-1" aria-describedby="label-1831401504 1071767106 usage-1831401504" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Essentials</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(288px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--920632975" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 2 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/building_a_safari_app_extension" class="leaf-link" id="-920632975" tabindex="-1" aria-describedby="label--920632975 1071767106 usage--920632975"><p data-v-

53c78ce5="" data-v-354ee602="" class="highlight">Building a Safari app extension</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(320px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-880825968" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!-->> 3 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/converting_a_legacy_safari_extension_to_a_safari_app_extension" class="leaf-link" id="880825968" tabindex="-1" aria-describedby="label-880825968 1071767106 usage-880825968"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Converting a legacy Safari extension to a Safari app extension</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(352px);"><div data-v-

354ee602="" data-v-3769e00e="" id="container--145873967" class="navigator-card-item" style="--nesting-index: 1; "><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 4 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/troubleshooting_your_safari_app_extension" class="leaf-link" id="-145873967" tabindex="-1" aria-describedby="label--145873967 1071767106 usage--145873967"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Troubleshooting your Safari app extension</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(384px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1831401508" class="navigator-card-item" style="--nesting-index: 1; "><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the

symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 5 of 16 symbols inside <h3 data-v-354ee602="" id="1831401508" tabindex="-1" aria-describedby="label-1831401508 1071767106 usage-1831401508" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Injected style sheets and scripts</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(416px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-571443937" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 6 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/using_injected_style_

sheets_and_scripts" class="leaf-link" id="571443937" tabindex="-1" aria-describedby="label-571443937 1071767106 usage-571443937"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Using injected style sheets and scripts</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(448px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1149704903" class="navigator-card-item expanded" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper active"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 7 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/injecting_a_script_into_a_webpage" aria-current="page" class="leaf-link router-link-exact-active router-link-active bolded" id="--1149704903" tabindex="0" aria-describedby="label--1149704903 1071767106 usage--1149704903"><p data-v-

53c78ce5="" data-v-354ee602="" class="highlight">Injecting a script into a webpage</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(480px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-659909509" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 8 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/injecting_css_style_sheets_into_a_webpage" class="leaf-link" id="659909509" tabindex="-1" aria-describedby="label-659909509 1071767106 usage-659909509"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Injecting CSS style sheets into a webpage</p><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(512px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1729434440">


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class="navigator-card-item" style="--nesting-index: 1; "><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602="" hidden="hidden" id="usage--1729434440"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--><span data-v-354ee602="" id="label--1729434440" hidden="hidden"> 9 of 16 symbols inside </span><a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/passing_messages_between_safari_app_extensions_and_injected_scripts" class="leaf-link" id="-1729434440" tabindex="-1" aria-describedby="label--1729434440 1071767106 usage--1729434440"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Passing messages between Safari app extensions and injected scripts</p></a><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(544px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1278639178" class="navigator-card-item" style="--nesting-index: 1; "><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602=""
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hidden="hidden" id="usage-1278639178"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspace data-v-7f60a732="">C</tspace></text></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 10 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariextensionhandler" class="leaf-link" id="1278639178" tabindex="-1" aria-describedby="label-1278639178 1071767106 usage-1278639178"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariExtensionHandler</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(576px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1663166037" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="--1663166037" aria-expanded="false" aria-describedby="label--1663166037 1071767106 label-parent--1663166037" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.23242195.31835942-.519531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspace data-v-7f60a732="">C</tspace></text></g></svg></div><div data-v-354ee602="" class="title-container"><span data-v-354ee602=""

hidden="hidden" id="label-parent--1663166037">, containing 2
symbols<span data-v-354ee602="" id="label--1663166037"
hidden="hidden"> 11 of 16 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfsafariextensionmanager" class="leaf-link"
id="-1663166037" tabindex="-1" aria-describedby="label--1663166037
1071767106 label-parent--1663166037 usage--1663166037"><p data-v-
53c78ce5="" data-v-354ee602=""
class="highlight">SFSafariExtensionManager</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(608px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-1841151560" class="navigator-card-item" style="--nesting-index:
1;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-1841151560"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="1841151560" aria-expanded="false" aria-
describedby="label-1841151560 1071767106 label-parent-1841151560"
class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-
7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.232421915.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-1841151560">, containing 2
symbols<span data-v-354ee602="" id="label-1841151560"
hidden="hidden"> 12 of 16 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfsafariextensionstate" class="leaf-link"
id="1841151560" tabindex="-1" aria-describedby="label-1841151560
1071767106 label-parent-1841151560 usage-1841151560"><p data-v-
53c78ce5="" data-v-354ee602=""
class="highlight">SFSafariExtensionState</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(640px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-868089" class="navigator-card-item" style="--nesting-index:
1;"><div data-v-354ee602="" class="head-wrapper"><span data-v-

```
354ee602="" hidden="" id="" usage-868089"> To navigate the symbols,
press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-
354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-
1" aria-labelledby="" id="" aria-expanded="" aria-describedby="" label-
868089 1071767106 label-parent-868089" class="tree-toggle"><svg data-v-
7f60a732="" data-v-354ee602="" aria-hidden="" true"
xmlns="" http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="" 0 0 14 14"><path data-v-7f60a732=""
d="" m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="" true" xmlns="" http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="" 16px" height="" 16px" viewBox="" 0 0 16 16"><g
data-v-7f60a732="" stroke="" none" stroke-width="" 1" fill="" none" fill-
rule="" evenodd"><rect data-v-7f60a732="" stroke="" currentColor" x="" 1" y="" 1"
width="" 13" height="" 13" rx="" 3"></rect><text data-v-7f60a732="" font-
size="" 11" font-weight="" bold" fill="" currentColor" x="" 46.5%" y="" 11.2" text-
anchor="" middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="" title-container"><span data-v-354ee602=""
hidden="" hidden" id="" label-parent-868089">, containing 5
symbols</span><span data-v-354ee602="" id="" label-868089"
hidden="" hidden"> 13 of 16 symbols inside </span><a data-v-354ee602=""
href="" /documentation/safariservices/sfsafaripageproperties" class="" leaf-link"
id="" 868089" tabindex="" -1" aria-describedby="" label-868089 1071767106 label-
parent-868089 usage-868089"><p data-v-53c78ce5="" data-v-354ee602=""
class="" highlight">SFSafariPageProperties</p></a><!--></div></div></
div></div><div class="" vue-recycle-scroller__item-view" style="" transform:
translateY(672px);"><div data-v-354ee602="" data-v-3769e00e=""
id="" container--191954402" class="" navigator-card-item" style="" --nesting-index:
1;"><div data-v-354ee602="" class="" head-wrapper"><span data-v-
354ee602="" hidden="" hidden" id="" usage--191954402"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="" depth-spacer"><button data-v-354ee602=""
tabindex="" -1" aria-labelledby="" -191954402" aria-expanded="" false" aria-
describedby="" label--191954402 1071767106 label-parent--191954402"
class="" tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="" true" xmlns="" http://www.w3.org/2000/svg" class="" svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="" 0 0 14 14"><path data-v-
7f60a732="" d="" m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
```

8-.45800781 0-.81347656.35546875-.81347656.80664062
0.21875.09570312.43066407.24609375.5878906314.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon reset-
circle-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><g data-v-7f60a732="" transform="translate(1.000000,
1.000000)"><rect data-v-7f60a732="" stroke="currentColor" x="0.5" y="0.5"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="8" font-weight="bold" fill="currentColor"><tspan data-v-7f60a732=""
x="9.08984375" y="11">r</tspan></text><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor"><tspan data-v-7f60a732=""
x="2" y="11">P</tspan></text></g></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--191954402">, containing 19
symbols<span data-v-354ee602="" id="label--191954402"
hidden="hidden"> 14 of 16 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfsafariextensionhandling" class="leaf-link"
id="-191954402" tabindex="-1" aria-describedby="label--191954402
1071767106 label-parent--191954402 usage--191954402"><p data-v-
53c78ce5="" data-v-354ee602=""
class="highlight">SFSafariExtensionHandling</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(704px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-938871859" class="navigator-card-item" style="--nesting-index:
1;"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage-938871859"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label-938871859" hidden="hidden"> 15 of 16 symbols inside <h3
data-v-354ee602="" id="938871859" tabindex="-1" aria-describedby="label-
938871859 1071767106 usage-938871859" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Information property list
keys</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(736px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1563072428"
class="navigator-card-item" style="--nesting-index: 1;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage--1563072428"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="-1563072428" aria-expanded="false" aria-describedby="label--
1563072428 1071767106 label-parent--1563072428" class="tree-toggle"><svg
data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0.41015625-.0820312.56738282-.23242191.5.31835942-

5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-
icon icon-inline" viewBox="0 0 14 14"><title
data-v-7f60a732="">Collection</title><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343
S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-
1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent--
1563072428">, containing 14 symbols<span data-v-354ee602=""
id="label--1563072428" hidden="hidden"> 16 of 16 symbols inside <a
data-v-354ee602=""
href="/documentation/safariservices/safari_app_extensions/safari_app_extension
_information_property_list_keys" class="leaf-link" id="-1563072428" tabindex="-
1" aria-describedby="label--1563072428 1071767106 label-parent--1563072428
usage--1563072428"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">Safari app extension information property list
keys</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(768px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1973927106"

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class="navigator-card-item" style="--nesting-index: 0; "><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602="" hidden="hidden" id="usage--1973927106"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-1973927106" aria-expanded="false" aria-describedby="label--1973927106 <root> label-parent--1973927106" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container"><span data-v-354ee602="" hidden="hidden" id="label-parent--1973927106">, containing 2 symbols</span><span data-v-354ee602="" id="label--1973927106" hidden="hidden"> 9 of 36 symbols inside </span><a data-v-354ee602="" href="/documentation/safariservices/sfsafariextension" class="leaf-link" id="-1973927106" tabindex="-1" aria-describedby="label--1973927106 <root> label-parent--1973927106 usage--1973927106"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariExtension</p></a><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(800px); "><div data-v-354ee602="" data-v-3769e00e="" id="container--1456227696" class="navigator-card-item" style="--nesting-index: 0; "><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602="" hidden="hidden" id="usage--1456227696"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-1456227696" aria-expanded="false" aria-describedby="label--1456227696 <root> label-parent--1456227696" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-
```

5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1456227696">, containing 11
symbols<span data-v-354ee602="" id="label--1456227696"
hidden="hidden"> 10 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfsafariapplication" class="leaf-link" id="-
1456227696" tabindex="-1" aria-describedby="label--1456227696 <root> label-
parent--1456227696 usage--1456227696"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFSafariApplication</p><!--</div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(832px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--1997189102" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--1997189102"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-1997189102" aria-expanded="false" aria-
describedby="label--1997189102 <root> label-parent--1997189102"
class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-
7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-

letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 8 symbols 11 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariwindow" class="leaf-link" id="1997189102" tabindex="-1" aria-describedby="label--1997189102 <root> label-parent--1997189102 usage--1997189102"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariWindow</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(864px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--619432428" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-619432428" aria-expanded="false" aria-describedby="label--619432428 <root> label-parent--619432428" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0.41015625-.0820312.56738282-.2324219.5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-.5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0.21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0.4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 9 symbols 12 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafaripage" class="leaf-link" id="-

619432428" tabindex="-1" aria-describedby="label--619432428 <root> label-parent--619432428 usage--619432428"><p data-v-53c78ce5="" data-v-354ee602=""

class="highlight">SFSafariPage</p><!----></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(896px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-150944389" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="150944389" aria-expanded="false" aria-describedby="label-150944389 <root> label-parent-150944389" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 9 symbols 13 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafaritab" class="leaf-link" id="150944389" tabindex="-1" aria-describedby="label-150944389 <root> label-parent-150944389 usage-150944389"><p data-v-53c78ce5="" data-v-354ee602=""

class="highlight">SFSafariTab</p><!----></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(928px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968405" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!----></div><!----><div data-v-354ee602="" class="title-container"><!----><span data-v-354ee602=""

id="label--1788968405" hidden="hidden"> 14 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968405" tabindex="-1" aria-describedby="label--1788968405">usage--1788968405" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Safari content in your app</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(960px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--574171739" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="574171739" aria-expanded="false" aria-describedby="label--574171739">label-parent--574171739" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.23242191.5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 20 symbols 15 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariviewcontroller" class="leaf-link" id="-574171739" tabindex="-1" aria-describedby="label--574171739">label-parent--574171739 usage--574171739"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariViewController</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(992px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1259828960" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-

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<svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-
inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-
7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">T</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--1259828960" hidden="hidden"> 16 of 36 symbols inside </span><a
data-v-354ee602=""
href="/documentation/safariservices/sfauthenticationsession/completionhandler"
class="leaf-link" id="-1259828960" tabindex="-1" aria-describedby="label--
1259828960 <root> usage--1259828960"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFAuthenticationSession.CompletionHandler</p></a><!--
--></div></div></div></div><div class="vue-recycle-scroller__item-view"
style="transform: translateY(1024px);"><div data-v-354ee602="" data-v-
3769e00e="" id="container--1788968402" class="navigator-card-item" style="--
nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-
group"><span data-v-354ee602="" hidden="hidden" id="usage--1788968402">
To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow
</span><div data-v-354ee602="" class="depth-spacer"><!--></div><!--
--><div data-v-354ee602="" class="title-container"><!--><span data-v-
354ee602="" id="label--1788968402" hidden="hidden"> 17 of 36 symbols
inside </span><h3 data-v-354ee602="" id="-1788968402" tabindex="-1" aria-
describedby="label--1788968402 <root> usage--1788968402" class="leaf-
link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Associated
domains</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(1056px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-1825936597"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage-1825936597"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602=""
class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-
354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-
7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline"
viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-
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7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-
0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S-0.3890819-0.8754343-0.8754342-0.8754343
M-0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819-0.8754343,0.8754342-0.8754343
M-0.8754342,0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,0.8754343,0.8754342,0.8754343
M0.8754342,0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,0.8754343,0.8754342,0.8754343
M0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,-0.8754343,0.8754342,-0.8754343
M-0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S-0.3890819,-0.8754343,-0.8754342,-0.8754343
M-0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,-0.8754343,0.8754342,-0.8754343
M-0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S-0.3890819,-0.8754343,-0.8754342,-0.8754343
M-0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,-0.8754343,0.8754342,-0.8754343
M-0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S-0.3890819,-0.8754343,-0.8754342,-0.8754343
M-0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,-0.8754343,0.8754342,-0.8754343
M-0.8754342,-0.8754342c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S-0.3890819,-0.8754343,-0.8754342,-0.8754343
M-0.8754342,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342S0.3890819,3.4356809,0.8754342,3.4356809
M0.8754342,3.4356809c0.4863523,0,0.8754
```

S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.3195519z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 18 of 36 symbols inside <a data-v-354ee602="" href="/documentation/xcode/supporting-associated-domains" class="leaf-link" id="1825936597" tabindex="-1" aria-describedby="label-1825936597 <root>usage-1825936597"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Supporting Associated Domains</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(1088px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--456713637" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="456713637" aria-expanded="false" aria-describedby="label--456713637 <root>label-parent--456713637" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspace>

data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 6 symbols 19 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfuniversallink" class="leaf-link" id="-456713637" tabindex="-1" aria-describedby="label--456713637 <root> label-parent--456713637 usage--456713637"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFUniversalLink</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(1120px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1341475278" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">T</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 20 of 36 symbols inside <a data-v-354ee602="" href="/documentation/bundlresources/entitlements/com_apple_developer_associated-domains" class="leaf-link" id="-1341475278" tabindex="-1" aria-describedby="label--1341475278 <root> usage--1341475278"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Associated Domains Entitlement</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(1152px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968377" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 21 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968377" tabindex="-1" aria-describedby="label--1788968377 <root> usage--1788968377" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Availability</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(1184px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-2144604737" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div

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data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-
icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon icon-inline" viewBox="0 0
14 14" height="14"><path data-v-7f60a732="" d="M10.231 1c1.529 0 2.769
1.24 2.769 2.769v6.462c0 1.529-1.24 2.769-2.769 2.769h-6.462c-1.529 0-2.769-
1.24-2.769-2.769v-6.462c0-1.529 1.24-2.769 2.769-2.769zM10.231 1.923h-
6.462c-0.973 0-1.771 0.753-1.841 1.708l-0.005 0.138v6.462c0 0.973 0.753
1.771 1.708 1.841l0.138 0.005h6.462c0.973 0 1.771-0.753 1.841-1.708l0.005-
0.138v-6.462c0-0.973-0.753-1.771-1.708-1.841z"></path><path data-v-
7f60a732="" d="M5.323 10.323c-0.173 0-0.328-0.014-0.465-0.041s-0.252-
0.067-0.346-0.122c-0.22-0.104-0.33-0.263-0.33-0.475 0-0.13 0.038-0.234 0.114-
0.314s0.176-0.126 0.303-0.141c0.076-0.006 0.15-0.006 0.222 0 0.058 0.011
0.114 0.019 0.171 0.025s0.125 0.008 0.208 0.008c0.282 0 0.496-0.073 0.643-
0.217s0.247-0.373 0.298-0.687l0.184-1.093h-1.146c-0.138 0-0.243-0.039-0.317-
0.116s-0.111-0.175-0.111-0.294c0-0.126 0.037-0.227 0.111-0.303s0.179-0.114
0.317-0.114h1.277l0.162-0.979c0.102-0.623 0.319-1.081 0.654-1.373s0.806-
0.438 1.412-0.438c0.169 0 0.322 0.014 0.46 0.041s0.254 0.069 0.352
0.127c0.216 0.104 0.324 0.261 0.324 0.47 0 0.13-0.038 0.235-0.114 0.317s-
0.176 0.128-0.303 0.143c-0.072 0.004-0.146 0.002-0.222-0.006-0.054-0.007-
0.109-0.014-0.165-0.021s-0.127-0.011-0.213-0.011c-0.278 0-0.491 0.071-0.639
0.213s-0.248 0.369-0.303 0.679l-0.135 0.838h1.238c0.138 0 0.243 0.038 0.317
0.114s0.111 0.176 0.111 0.303c0 0.119-0.037 0.217-0.111 0.294s-0.179 0.116-
0.317 0.116h-1.374l-0.206 1.244c-0.104 0.62-0.323 1.077-0.656 1.371s-0.802
0.441-1.404 0.441z"></path></svg></div><div data-v-354ee602=""
class="title-container"><!--><span data-v-354ee602="" id="label-
2144604737" hidden="hidden"> 22 of 36 symbols inside </span><a data-v-
354ee602="" href="/documentation/safariservices/2850318-
sfsafariservicesavailable" class="leaf-link" id="2144604737" tabindex="-1" aria-
describedby="label-2144604737 <root> usage-2144604737"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">func
SFSafariServicesAvailable(SFSafariServicesVersion) -&gt; Bool</p></a><!--
></div></div></div></div><div class="vue-recycle-scroller__item-view"
style="transform: translateY(1216px);"><div data-v-354ee602="" data-v-
3769e00e="" id="container--26072545" class="navigator-card-item" style="--
nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"><span
data-v-354ee602="" hidden="hidden" id="usage--26072545"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-26072545" aria-expanded="false" aria-
describedby="label--26072545 <root> label-parent--26072545" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
0
```

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</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">E</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--26072545">, containing 7
symbols</span><span data-v-354ee602="" id="label--26072545"
hidden="hidden"> 23 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sfsafariservicesversion" class="leaf-link"
id="-26072545" tabindex="-1" aria-describedby="label--26072545 <root> label-
parent--26072545 usage--26072545"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFSafariServicesVersion</p></a><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(1248px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--1788968374" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage--1788968374"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--1788968374" hidden="hidden"> 24 of 36 symbols inside </span><h3
data-v-354ee602="" id="-1788968374" tabindex="-1" aria-describedby="label--
1788968374 <root> usage--1788968374" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Safari Reading
List</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(1280px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--832031234" class="navigator-
card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-
wrapper"><span data-v-354ee602="" hidden="hidden" id="usage--
832031234"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow
or Right Arrow </span><div data-v-354ee602="" class="depth-
spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-
832031234" aria-expanded="false" aria-describedby="label--832031234 <root>
label-parent--832031234" class="tree-toggle"><svg data-v-7f60a732="" data-v-
354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg"
class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14
14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
```


.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--832031234">, containing 9
symbols<span data-v-354ee602="" id="label--832031234"
hidden="hidden"> 25 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/ssreadinglist" class="leaf-link" id="-
832031234" tabindex="-1" aria-describedby="label--832031234 <root> label-
parent--832031234 usage--832031234"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SSReadingList</p><!--></div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(1312px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--102735081" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--102735081"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-
7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-
icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-
inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-
7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">V</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--102735081" hidden="hidden"> 26 of 36 symbols inside <a
data-v-354ee602=""
href="/documentation/safariservices/ssreadinglisterrordomain" class="leaf-link"
id="-102735081" tabindex="-1" aria-describedby="label--102735081 <root>
usage--102735081"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">let SSReadingListErrorDomain:
String</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(1344px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-940000783" class="navigator-
card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-
wrapper"><span data-v-354ee602="" hidden="hidden" id="usage-
940000783"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow
or Right Arrow <div data-v-354ee602="" class="depth-
spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="940000783" aria-expanded="false" aria-describedby="label-
940000783 <root> label-parent-940000783" class="tree-toggle"><svg data-v-

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7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">E</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-940000783">, containing 2
symbols</span><span data-v-354ee602="" id="label-940000783"
hidden="hidden"> 27 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/ssreadinglisterrorcode" class="leaf-link"
id="940000783" tabindex="-1" aria-describedby="label-940000783 <root>
label-parent-940000783 usage-940000783"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SSReadingListErrorCode</p></a><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(1376px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--940704547" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--940704547"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-940704547" aria-expanded="false" aria-
describedby="label--940704547 <root> label-parent--940704547" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
```

0

```
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">S</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--940704547">, containing 19
symbols</span><span data-v-354ee602="" id="label--940704547"
hidden="hidden"> 28 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/ssreadinglisterror" class="leaf-link" id="-
940704547" tabindex="-1" aria-describedby="label--940704547 <root> label-
parent--940704547 usage--940704547"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SSReadingListError</p></a><!--></div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(1408px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--1788968369" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage--1788968369"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--1788968369" hidden="hidden"> 29 of 36 symbols inside </span><h3
data-v-354ee602="" id="-1788968369" tabindex="-1" aria-describedby="label--
1788968369 <root> usage--1788968369" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Miscellaneous
errors</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(1440px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1625823720"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage--1625823720"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="-1625823720" aria-expanded="false" aria-describedby="label--
1625823720 <root> label-parent--1625823720" class="tree-toggle"><svg data-
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xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.23242195.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
```

4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">S</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1625823720">, containing 23
symbols<span data-v-354ee602="" id="label--1625823720"
hidden="hidden"> 30 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sferror" class="leaf-link" id="-1625823720"
tabindex="-1" aria-describedby="label--1625823720 <root> label-parent--
1625823720 usage--1625823720"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">SFError</p><!--></div></div></div><div
class="vue-recycle-scroller__item-view" style="transform:
translateY(1472px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-691530465" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-691530465"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="691530465" aria-expanded="false" aria-
describedby="label-691530465 <root> label-parent-691530465" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
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5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625 1.531835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063 1.479199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">E</tspan></text></g></svg></div><div data-v-

31 of 36 symbols inside

</documentation/safariservices/sferrorcode>

SFErrorCode

To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow

depth-spacer

NavigatorLeafIcon

svg

single-letter-icon

V

32 of 36 symbols inside

</documentation/safariservices/sferrordomain>

let SFErrorDomain:

String

33 of 36 symbols inside

Deprecated

34 of 36 symbols inside

depth-spacer

button

describedby="label-1376190919 <root> label-parent-1376190919" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-7f60a732="" transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863 c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-2.1226318-2.116699-1.6362793 C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z M1.829703-1.0804482h9.490819 c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-0.250124-0.5627792-0.5627785-0.5627792H1.829703 c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-1.3236243,1.5101-1.0804482,1.829703-1.0804482z M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343 S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809z M1.829703,3.1230259h9.490819 c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703 c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-1.2412647,7.6391549 c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339 S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519 h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703 c-0.319603,0-0.5627792,0.243176-0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319 5519z"></path></g></svg></div><div data-v-354ee602="" class="title-container">, containing 7 symbols 34 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/deprecated_symbols" class="leaf-link" id="1376190919" tabindex="-1" aria-describedby="label-1376190919 <root> label-parent-1376190919 usage-1376190919"><p data-v-

53c78ce5="" data-v-354ee602="" class="highlight">Deprecated
symbols</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(1600px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1788968342"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper is-group"><span data-v-354ee602=""
hidden="hidden" id="usage--1788968342"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><!--></div><!--><div data-v-354ee602=""
class="title-container"><!--><span data-v-354ee602="" id="label--
1788968342" hidden="hidden"> 35 of 36 symbols inside <h3 data-v-
354ee602="" id="-1788968342" tabindex="-1" aria-describedby="label--
1788968342 <root> usage--1788968342" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Reference</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view"
style="transform: translateY(1632px);"><div data-v-354ee602="" data-v-
3769e00e="" id="container-917522506" class="navigator-card-item" style="--
nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"><span
data-v-354ee602="" hidden="hidden" id="usage-917522506"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="917522506" aria-expanded="false" aria-
describedby="label-917522506 <root> label-parent-917522506" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219.5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-.5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-
icon icon-inline" viewBox="0 0 14 14"><title
data-v-7f60a732="">Collection</title><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343

S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.3195519z"></path></g></svg></div><div data-v-354ee602="" class="title-container">, containing 2 symbols 36 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safariservices_constants" class="leaf-link" id="917522506" tabindex="-1" aria-describedby="label-917522506 <root>label-parent-917522506 usage-917522506"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SafariServices Constants</p><!--></div></div></div></div></div> <!--> <div data-v-b329ee4c="" tabindex="-1" class="resize-observer"><object aria-hidden="true" tabindex="-1" type="text/html" data="about:blank"></object></div></div><div data-v-3769e00e="" data-v-14aa6277="" aria-live="polite" class="visuallyhidden"> 52 items were found. Tab back to navigate through them. </div><div data-v-3769e00e="" data-v-14aa6277="" aria-live="assertive" class="no-items-wrapper"></div></div></div></div><div data-v-3769e00e="" class="filter-wrapper"><div data-v-3769e00e="" class="navigator-filter"><div data-v-3769e00e="" class="input-wrapper"><div data-v-2a33cdf4="" data-v-3769e00e="" role="search" tabindex="0" aria-labelledby="filter-input" class="filter filter-component"><div data-v-2a33cdf4="" class="filter__wrapper"><div data-v-2a33cdf4="" class="filter__top-wrapper"><button data-v-2a33cdf4="" aria-hidden="true" tabindex="-1" class="filter__filter-button"><svg data-v-7f60a732="" data-v-2a33cdf4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon filter-icon" height="21" width="21" viewBox="0 0 41 41" fill="currentColor"><path data-v-7f60a732="" d="M20.8.3a20,20,0,0,1,0,40,20.1,20.1,0,0,1-20-20A20.2,20.2,0,0,1,20.8.3Zm0,2.6a17.4,17.4,0,0,0,0,34.8A17.2,17.2,0,0,0,38.2,2.0,3,17.3,17.3,0,0,0,20.8,2.9Z"></path><path data-v-7f60a732="" d="M31.9,16a1.1,1.1,0,0,0,1.2-1.1,1.1,1.1,0,0,0-1.2-1.1H9.8a1.1,1.1,0,0,0-1.2,1.1A1.1,1.1,0,0,0,9.8,16Z"></path><path data-v-7f60a732="" d="M29,22.6a1,1,0,0,0,1.1-1.1A1.1,1.1,0,0,0,29,20.4H12.7a1.1,1.1,0,0,0-1.2,1.1,1.1,1.1,0,0,0,1.2,1.1Z"></path><path data-v-7f60a732="" d="M25.9,29.2a1.1,1.1,0,0,0,1.2-1.1A1.1,1.1,0,0,0,25.9,27H15.8a1.1,1.1,0,0,0-1.2,1.1,1.1,1.1,0,0,0,1.2,1.1Z"></path></svg></button><div data-v-2a33cdf4="" class="filter__input-box-wrapper"><!--><label data-v-2a33cdf4="" id="filter-label" for="filter-input" data-value="" aria-label="Filter" class="filter__input-label"><input data-v-2a33cdf4="" id="filter-input" placeholder="Filter" aria-expanded="false" type="text" autocorrect="off"

autocapitalize="off" spellcheck="false" role="combobox" aria-haspopup="true" aria-autocomplete="none" aria-owns="suggestedTags" aria-controls="suggestedTags" class="filter__input"></label></div><div data-v-2a33cdf4="" class="filter__delete-button-wrapper"><!--></div></div><!--></div></div></div></div></div><div data-v-6bb3a4bb="" aria-live="polite" class="visuallyhidden"> Navigator is ready</div></nav></div></div><div data-v-97c1bc40="" class="resize-handle"></div></div><div data-v-97c1bc40="" class="content"><div data-v-09dcf724="" data-v-f59e0e60="" class="doc-topic" data-v-97c1bc40=""><main data-v-09dcf724="" id="main" role="main" tabindex="0" class="main"><div data-v-1aa4701e="" data-v-09dcf724="" class="documentation-hero theme-dark" style="--accent-color: var(--color-type-icon-teal, var(--color-figure-gray-secondary));"><div data-v-1aa4701e="" class="icon"><div data-v-7334d1b4="" data-v-1aa4701e="" class="NavigatorLeafIcon background-icon first-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14" style="color: var(--color-type-icon-teal);"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div></div><div data-v-1aa4701e="" class="documentation-hero__above-content"></div><div data-v-1aa4701e="" class="documentation-hero__content"><!--><div data-v-91bcffaa="" data-v-09dcf724="" class="topictitle" data-v-1aa4701e="">Article<h1 data-v-91bcffaa="" class="title"><span

data-v-09dcf724="" data-v-91bcffaa="">Injecting a script into a webpage<!--></h1></div><div data-v-702ae484="" data-v-b3ef72b8="" data-v-09dcf724="" class="abstract content" data-v-1aa4701e="">Inject a script that you write for a Safari app extension into a webpage. </div><!--><!--></div></div><div data-v-09dcf724="" class="container"><div data-v-09dcf724="" class="description after-enhanced-hero"><!--><!--><!--></div><div data-v-188b2b97="" data-v-09dcf724="" class="primary-content"><div data-v-702ae484="" data-v-188b2b97="" class="content"><h2 id="overview">Overview</h2><p>After you write a script that can read and modify browser content, you need to add it to your Safari app extension and apply it to webpages, where it can perform the defined actions and change the appearance and behavior of the webpages.</p><p>A script can apply to a single webpage, all webpages, or only some webpages — for example, webpages from certain domains. To inject your script, you specify either <code data-v-88c637be="">Some</code> or <code data-v-88c637be="">All</code> website access for your app extension. For details, see Access and permissions. For more information about injected scripts, see Using injected style sheets and scripts.</p><p></p><h3 id="2958106">Add a script</h3><p>After specifying website access, add the script to your Safari app extension.</p><p>Add the script files to your extension's Xcode target.</p><p>Add an <code data-v-88c637be="">SFSafari<wbr data-v-88c637be="">Content<wbr data-v-88c637be="">Script</code> key to the <code data-v-88c637be="">NSExtension</code> element in your extension's <code data-v-88c637be="">Info<wbr data-v-88c637be="">.plist</code> file. The value for this key is an array of dictionaries.</p><p>For each script file, add a dictionary to the array. Each dictionary must have a <code data-v-88c637be="">Script</code> key with a value that specifies the path (relative to the Resources directory of the bundle) to the script file to include.</p><aside data-v-692ba3de="" aria-label="note" class="note"><p data-v-692ba3de="" class="label">Note</p><p data-v-692ba3de="">By default, the system injects a script file when the extension has permission to access the webpage. However, you can specify additional dictionary keys to provide more fine-grained control over whether to inject that script file into the webpage. For more information, see Access and permissions.</p></aside><p>If your app extension specifies multiple scripts to inject into the webpage, the scripts execute in the order in which they appear in the <code data-v-88c637be="">Info<wbr data-v-88c637be="">.plist</code> file.</p><p></p><h3 id="2958105">Access resources within your app extension's bundle</h3><p>To access the resources in your app extension's bundle from within your scripts, create a URL at runtime that references the resource relative to the root of the app extension's bundle. The <code data-v-88c637be="">safari<wbr data-v-88c637be="">.extension<wbr data-v-88c637be="">.base<wbr data-v-88c637be="">URI</code> property specifies the location of the bundle's resource directory.</p><p>The code example below demonstrates how to use this property. This code adds a new image

element to the webpage. The system stores the image inside the Resources

```
</p><figure data-v-5c8f347c=""
id="2958104"><div data-v-bc35d8a4="" data-syntax="javascript" class="code-
listing" data-v-5c8f347c=""><!--><div data-v-bc35d8a4="" class="container-
general"><pre data-v-bc35d8a4=""><code data-v-bc35d8a4=""><span data-v-
bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4="" data-line-
number="1" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"><span class="syntax-
keyword">var</span> newElement = <span class="syntax-variable
language_">document</span>.<span class="syntax-title
function_">createElement</span>(<span
class="syntax-string">"img"</span>);</span></span><span data-v-
bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4="" data-line-
number="2" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">newElement.<span
class="syntax-property">src</span> = safari.<span class="syntax-
property">extension</span>.<span class="syntax-property">baseURI</span>
+ <span
class="syntax-string">"myDog.jpeg"</span>;</span></span></code></pre>
</div></div></figure><p></p><h3 id="2958109">Execute your code after
the webpage loads</h3><p>The injected scripts execute before the webpage
fully loads, so you can take action as the system adds resources to the webpage.
During that time, <code data-v-88c637be="">document<wbr data-v-
88c637be="">.body</code> is <code data-v-88c637be="">null</code>. To
take action after the document loads, listen for the <code data-v-
88c637be="">DOMContentLoaded<wbr data-v-88c637be="">Loaded</code> event.
The code example below registers a document event handler to call after the
content loads:</p><figure data-v-5c8f347c="" id="2958108"><div data-v-
bc35d8a4="" data-syntax="javascript" class="code-listing" data-v-
5c8f347c=""><!--><div data-v-bc35d8a4="" class="container-general"><pre
data-v-bc35d8a4=""><code data-v-bc35d8a4=""><span data-v-bc35d8a4=""
class="code-line-container"><span data-v-bc35d8a4="" data-line-number="1"
class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"><span class="syntax-variable
language_">document</span>.<span class="syntax-title
function_">addEventListener</span>(<span class="syntax-
string">"DOMContentLoaded"</span>, <span class="syntax-
keyword">function</span>(<span class="syntax-params">event</span>)
{</span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="2" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">  safari.<span class="syntax-
property">extension</span>.<span class="syntax-title
function_">dispatchMessage</span>(<span class="syntax-string">"Hello
World!"</span>);</span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="3" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4=""
class="code-line">});</span></span></code></pre></div></div></figure><
p></p><h3 id="2958107">Add an element to the webpage</h3><p>The
example code below injects a new element into the webpage after the webpage
loads. This example uses a resource stored in the bundle and shows how to
register the document event handler:</p><figure data-v-5c8f347c=""
id="2958102"><div data-v-bc35d8a4="" data-syntax="swift" class="code-
```

```
listing" data-v-5c8f347c=""><!--><div data-v-bc35d8a4="" class="container-
general"><pre data-v-bc35d8a4=""><code data-v-bc35d8a4=""><span data-v-
bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4="" data-line-
number="1" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"><span class="syntax-
comment">// Create an image and insert it at the top of the
body.</span></span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="2" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-
line">document.addEventListener(<span class="syntax-
string">"DOMContentLoaded"</span>, function(event) {</span></span><span
data-v-bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4=""
data-line-number="3" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">  <span class="syntax-
keyword">var</span> newElement <span class="syntax-operator">=</span>
document.createElement(<span
class="syntax-string">"img"</span>);</span></span><span data-v-
bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4="" data-line-
number="4" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">  newElement.src <span
class="syntax-operator">=</span> safari.extension.baseURI <span
class="syntax-operator">+</span> <span class="syntax-
string">"myCat.jpg"</span>;</span></span><span data-v-bc35d8a4=""
class="code-line-container"><span data-v-bc35d8a4="" data-line-number="5"
class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">
document.body.insertBefore(newElement,</span></span><span data-v-
bc35d8a4="" class="code-line-container"><span data-v-bc35d8a4="" data-line-
number="6" class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line">
document.body.firstChild);</span></span><span data-v-bc35d8a4=""
class="code-line-container"><span data-v-bc35d8a4="" data-line-number="7"
class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4=""
class="code-line">});</span></span></code></pre></div></div></figure><
p></p></div></div></div><!--><!--><!--><section data-v-1bb3e84e=""
data-v-a2aafb2a="" data-v-09dcf724="" id="see-also" class="contenttable alt-
light"><div data-v-1bb3e84e="" class="container"><h2 data-v-1bb3e84e=""
class="title">See Also</h2><div data-v-3277df5c="" data-v-a2aafb2a=""
class="contenttable-section"><div data-v-3277df5c="" class="section-
title"><h3 data-v-3277df5c="" class="title">Injected style sheets and
scripts</h3></div><div data-v-3277df5c="" class="section-content"><!--
><!--><!--><div data-v-39207972="" data-v-a2aafb2a="" class="link-block
topic" data-v-3277df5c=""><a data-v-39207972=""
href="/documentation/safariservices/safari_app_extensions/using_injected_style_
sheets_and_scripts" class="link has-adjacent-elements"><div data-v-
9d2ba25c="" data-v-39207972="" class="topic-icon-wrapper"><svg data-v-
7f60a732="" data-v-9d2ba25c="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon topic-icon"
viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699,
1.608398)"><path data-v-7f60a732=""
d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-
0.6856346,2.0242538-2.0438433V4.4254899
```

c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div>Using injected style sheets and
scripts<!----><div data-v-39207972="" class="abstract"><div
data-v-702ae484="" data-v-39207972="" class="content">Learn how you can
affect the appearance or behavior of a webpage by using injected style sheets
and scripts.</div><!----><!----><!----></div><!----></div><div data-v-
39207972="" data-v-a2aafb2a="" class="link-block topic" data-v-
3277df5c=""><a data-v-39207972=""
href="/documentation/safariservices/safari_app_extensions/injecting_css_style_s
heets_into_a_webpage" class="link has-adjacent-elements"><div data-v-
9d2ba25c="" data-v-39207972="" class="topic-icon-wrapper"><svg data-v-
7f60a732="" data-v-9d2ba25c="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon topic-icon"
viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699,
1.608398)"><path data-v-7f60a732=""
d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-
0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062

c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z

M4.3167777,3.4851911

c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-

3.4673507l3.761194,3.8330224H4.3167777z

M5.8839421,6.2734375H0.9277854

c-0.2350746,0-0.4113806,0.1763058-

0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567

c0.2285447,0,0.3983207-0.1763058,0.3983207-

0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z

M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-

0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913

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(max-width:1068px){.noscript{margin:90px auto 120px
auto;width:692px}.noscript-title{font-size:40px;letter-spacing:0;line-
height:1.1;margin:0 auto 45px auto;width:420px}}@media only screen and
(max-width:735px){.noscript{margin:45px auto 60px
auto;width:87.5%}.noscript-title{font-size:32px;letter-spacing:.004em;line-
height:1.125;margin:0 auto 35px auto;max-width:330px;width:auto}}#loading-
placeholder{display:none}&lt;/style&gt;&lt;div class="noscript"&gt;&lt;h1
class="noscript-title"&gt;This page requires
JavaScript.&lt;/h1&gt;&lt;p&gt;Please turn on JavaScript in your browser and
refresh the page to view its content.&lt;/p&gt;&lt;/div&gt;</noscript><div data-
v-24f4912f="" data-v-2fddaabf="" id="app" class="core-app"><a data-v-
24f4912f="" href="#main" id="skip-nav">Skip Navigation</a><!--><div data-
v-2fddaabf="" class="global-header" data-v-24f4912f=""><aside id="ac-gn-
segmentbar" lang="en-US" dir="ltr" class="ac-gn-segmentbar"></aside><input
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type="checkbox" id="ac-gn-menustate" class="ac-gn-menustate"><nav id="ac-globalnav" role="navigation" aria-label="Global" data-hires="false" data-analytics-region="global nav" lang="en-US" dir="ltr" data-store-locale="us" data-store-api="/[storefront]/shop/bag/status" data-search-locale="en_US" data-search-api="/search-services/suggestions" class="js touch"><div class="ac-gn-content"><ul class="ac-gn-header"><li class="ac-gn-item ac-gn-menuicon"><label for="ac-gn-menustate" aria-hidden="true" class="ac-gn-menu icon-label"><span class="ac-gn-menuicon-bread ac-gn-menuicon-bread-top"><span class="ac-gn-menuicon-bread-crust ac-gn-menuicon-bread-crust-top"></span></span><span class="ac-gn-menuicon-bread ac-gn-menuicon-bread-bottom"><span class="ac-gn-menuicon-bread-crust ac-gn-menuicon-bread-crust-bottom"></span></span></label><a href="#ac-gn-menustate" role="button" id="ac-gn-menuanchor-open" class="ac-gn-menuanchor ac-gn-menuanchor-open"><span class="ac-gn-menuanchor-label">Global Nav Open Menu</span></a><a href="#" role="button" id="ac-gn-menuanchor-close" class="ac-gn-menuanchor ac-gn-menuanchor-close"><span class="ac-gn-menuanchor-label">Global Nav Close Menu</span></a></li><li class="ac-gn-item ac-gn-apple"><a href="/" data-analytics-title="appledeveloper home" id="ac-gn-firstfocus-small" class="ac-gn-link ac-gn-link-apple-developer"><span class="ac-gn-link-text">Apple Developer</span></a></li></ul><div role="search" class="ac-gn-search-placeholder-container"><div class="ac-gn-search ac-gn-search-small"><a id="ac-gn-link-search-small" href="/search/" data-analytics-title="search" data-analytics-click="search" data-analytics-intrapage-link="" aria-label="Search Developer" class="ac-gn-link" role="button" aria-haspopup="true"><div class="ac-gn-search-placeholder-bar"><div class="ac-gn-search-placeholder-input"><div aria-hidden="true" class="ac-gn-search-placeholder-input-text"><div class="ac-gn-link-search ac-gn-search-placeholder-input-icon"></div><span class="ac-gn-search-placeholder">Search Developer</span></div></div><div class="ac-gn-searchview-close ac-gn-searchview-close-small ac-gn-search-placeholder-searchview-close"><span aria-hidden="true" class="ac-gn-searchview-close-cancel">Cancel</span></div></div></a></div></div><ul class="ac-gn-list"><li class="ac-gn-item ac-gn-apple"><a href="/" data-analytics-title="appledeveloper home" id="ac-gn-firstfocus" class="ac-gn-link ac-gn-link-apple-developer"><span class="ac-gn-link-text">Apple Developer</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-discover"><a href="/news/" data-analytics-title="discover" class="ac-gn-link ac-gn-link-discover"><span class="ac-gn-link-text">News</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-discover"><a href="/discover/" data-analytics-title="discover" class="ac-gn-link ac-gn-link-discover"><span class="ac-gn-link-text">Discover</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-design"><a href="/design/" data-analytics-title="design" class="ac-gn-link ac-gn-link-design"><span class="ac-gn-link-text">Design</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-develop"><a href="/develop/" data-analytics-title="develop" class="ac-gn-link ac-gn-link-develop"><span class="ac-gn-link-text">Develop</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-distribute"><a href="/distribute/" data-analytics-title="distribute" class="ac-gn-link ac-gn-link-distribute"><span class="ac-gn-link-text">Distribute</span></a></li><li class="ac-gn-item ac-gn-item-menu ac-gn-dsupport"><a href="/support/" data-analytics-title="dsupport" class="ac-gn-link ac-gn-link-dsupport"><span
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class="ac-gn-link-text">Support</span></a></li><li class="ac-gn-item ac-gn-
item-menu ac-gn-account"><a href="/account/" data-analytics-title="account"
class="ac-gn-link ac-gn-link-account"><span class="ac-gn-link-
text">Account</span></a></li><li role="search" class="ac-gn-item ac-gn-
item-menu ac-gn-search"><a id="ac-gn-link-search" href="/search/" data-
analytics-title="search" data-analytics-click="search" data-analytics-intrapage-
link="" aria-label="Search Developer" class="ac-gn-link ac-gn-link-search"
role="button" aria-haspopup="true"></a></li></ul><aside id="ac-gn-
searchview" role="search" data-analytics-region="search" class="ac-gn-
searchview"><div class="ac-gn-searchview-content"><div class="ac-gn-
searchview-bar"><div class="ac-gn-searchview-bar-wrapper"><form id="ac-gn-
searchform" action="/search/" method="get" class="ac-gn-searchform"><div
class="ac-gn-searchform-wrapper"><input id="ac-gn-searchform-input"
type="text" name="q" aria-label="Search Developer" placeholder="Search
Developer" autocorrect="off" autocapitalize="off" autocomplete="off"
spellcheck="false" role="combobox" aria-autocomplete="list" aria-
expanded="true" aria-owns="quicklinks suggestions" class="ac-gn-searchform-
input"><button id="ac-gn-searchform-submit" type="submit"
disabled="disabled" aria-label="Submit Search" class="ac-gn-searchform-
submit"></button><button id="ac-gn-searchform-reset" type="reset"
disabled="disabled" aria-label="Clear Search" class="ac-gn-searchform-
reset"><span
class="ac-gn-searchform-reset-background"></span></button></div></
form><button id="ac-gn-searchview-close-small" aria-label="Cancel Search"
class="ac-gn-searchview-close ac-gn-searchview-close-small"><span aria-
hidden="true" class="ac-gn-searchview-close-cancel"> Cancel
</span></button></div></div><aside id="ac-gn-searchresults" data-string-
quicklinks="Quick Links" data-string-suggestions="Suggested Searches" data-
string-noresults="" class="ac-gn-searchresults"></aside></div><button
id="ac-gn-searchview-close" aria-label="Cancel Search" class="ac-gn-
searchview-close"><span class="ac-gn-searchview-close-wrapper"><span
class="ac-gn-searchview-close-left"></span><span class="ac-gn-searchview-
close-right"></span></span></button></aside></div></nav><div class="ac-
gn-blur"></div><div id="ac-gn-curtain" class="ac-gn-curtain"></div><div
id="ac-gn-placeholder" class="ac-nav-placeholder"></div></div><div data-v-
24f4912f="" id="nav-sticky-anchor"></div><div data-v-f59e0e60="" data-v-
2fddaabf="" class="doc-topic-view router-content" data-v-24f4912f=""><nav
data-v-3b7b98ba="" data-v-5836c190="" data-v-31b53fce="" data-v-
f59e0e60="" role="navigation" class="nav documentation-nav theme-dark
apple-documentation-nav theme-dark nav--in-breakpoint-range nav--is-sticking
nav--solid-background nav--fullwidth-border nav--is-wide-format" aria-label="API
Reference"><div data-v-3b7b98ba="" class="nav__wrapper"><div data-v-
3b7b98ba="" class="nav__background"></div><!--><div data-v-
3b7b98ba="" class="nav-content"><div data-v-3b7b98ba="" class="pre-
title"><button data-v-5836c190="" data-v-3b7b98ba="" aria-label="Open
documentation navigator" class="sidenav-toggle"><svg data-v-7f60a732=""
data-v-5836c190="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg"
class="svg-icon sidenav-icon icon-inline sidenav-icon" viewBox="0 0 14 14"
height="14" data-v-3b7b98ba=""><path data-v-7f60a732="" d="M11.632
11.991c0.577 0 1.010-0.143 1.299-0.43 0.287-0.286 0.432-0.713 0.432-1.278v-
6.562c0-0.565-0.145-0.991-0.433-1.28s-0.721-0.433-1.298-0.433h-9.264c-0.569
0-1 0.144-1.292 0.43s-0.439 0.714-0.439 1.283v6.562c0 0.569 0.147 0.996
0.439 1.28s0.723 0.427 1.292 0.427h9.264zM4.837 11.030h-2.43c-0.258 0-
0.455-0.068-0.591-0.205s-0.206-0.34-0.206-0.609v-6.425c0-0.269 0.068-0.472
```

0.205-0.609s0.335-0.205 0.592-0.205h2.43v8.053zM11.593 11.030h-5.828v-8.053h5.827c0.258 0 0.458 0.068 0.598 0.205s0.211 0.34 0.211 0.609v6.425c0 0.27-0.070 0.473-0.211 0.609s-0.339 0.205-0.597 0.205zM3.791 4.963c0.091 0 0.168-0.033 0.233-0.1 0.060-0.057 0.097-0.138 0.097-0.228s-0.037-0.17-0.097-0.228l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.138-0.097 0.228s0.037 0.17 0.097 0.228l0 0c0.064 0.067 0.14 0.1 0.227 0.1h1.132zM3.791 6.379c0.091 0 0.168-0.032 0.233-0.097 0.060-0.057 0.098-0.137 0.098-0.226s-0.037-0.17-0.098-0.226l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.137-0.097 0.226s0.037 0.169 0.097 0.226l0 0c0.057 0.060 0.137 0.097 0.226 0.097 0 0 0.001 0 0.001 0h1.132zM3.791 7.796c0.091 0 0.168-0.032 0.233-0.097 0.059-0.056 0.096-0.135 0.097-0.222v-0c0-0.002 0-0.004 0-0.007 0-0.088-0.037-0.168-0.096-0.224l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.056-0.097 0.136-0.097 0.224 0 0.002 0 0.005 0 0.007l-0-0c0 0.083 0.032 0.158 0.097 0.222 0.057 0.060 0.137 0.097 0.225 0.097 0.001 0 0.001 0 0.002-0h1.132z"></path></svg></button></div><div data-v-3b7b98ba="" class="nav-title"><a data-v-5836c190="" href="/documentation/technologies" class="nav-title-link" data-v-3b7b98ba=""> Documentation </div><div data-v-3b7b98ba="" class="nav-menu"><a data-v-3b7b98ba="" href="#" role="button" class="nav-ax-toggle">Open Menu<div data-v-3b7b98ba="" class="nav-menu-tray"><ul data-v-3acd447b="" data-v-0d4c1e86="" data-v-5836c190="" data-previous-menu-children-count="0" class="nav-menu-items hierarchy" aria-label="Breadcrumbs" data-v-3b7b98ba=""><!--><li data-v-c1dad078="" data-v-0d4c1e86="" class="nav-menu-item hierarchy-item nav-menu-item--animated collapsed" data-v-eb8f9ef0="" data-v-3acd447b=""><a data-v-0d4c1e86="" href="/documentation/safariservices" class="parent item nav-menu-link router-link-active" data-v-eb8f9ef0="" data-v-c1dad078=""> Safari Services <li data-v-c1dad078="" data-v-0d4c1e86="" class="nav-menu-item hierarchy-item nav-menu-item--animated collapsed" data-v-eb8f9ef0="" data-v-3acd447b=""><a data-v-0d4c1e86="" href="/documentation/safariservices/safari_app_extensions" class="parent item nav-menu-link router-link-active" data-v-eb8f9ef0="" data-v-c1dad078=""> Safari app extensions <li data-v-3552545c="" data-v-0d4c1e86="" class="hierarchy-collapsed-items" data-v-3acd447b=""><button data-v-3552545c="" class="toggle"><svg data-v-7f60a732="" data-v-3552545c="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon ellipsis-icon icon-inline toggle-icon" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m2.64648438 8.171875c.66210937 0 1.18945312-.52148438 1.18945312-1.171875s-.52734375-1.171875-1.18945312-1.171875c-.64453126 0-1.171875.52148438-1.171875 1.171875s.52734374 1.171875 1.171875 1.171875zm4.35351562 0c.65039062 0 1.171875-.52148438 1.171875-1.171875s-.52148438-1.171875-1.171875-1.171875c-.64453125 0-1.16601562.52148438-1.16601562 1.171875s.52148437 1.171875 1.16601562 1.171875zm4.3535156 0c.6503906 0 1.171875-.52148438 1.171875-1.171875s-.5214844-1.171875-1.171875-1.171875c-.6621094 0-

1.1835937.52148438-1.1835937 1.171875s.5214843 1.171875 1.1835937
1.171875z"></path></svg></button><ul data-v-3552545c=""
class="dropdown collapsed"><li data-v-3552545c="" class="dropdown-
item"><a data-v-3552545c="" href="/documentation/safariservices"
class="nav-menu-link router-link-active">Safari Services<li data-v-
3552545c="" class="dropdown-item"><a data-v-3552545c=""
href="/documentation/safariservices/safari_app_extensions" class="nav-menu-
link router-link-active">Safari app extensions<li data-v-
c1dad078="" data-v-0d4c1e86="" class="nav-menu-item hierarchy-item nav-
menu-item--animated" data-v-eb8f9ef0="" data-v-3acd447b=""><span data-v-
eb8f9ef0="" data-v-c1dad078="" class="hierarchy-item-icon
icon-inline"><span data-v-eb8f9ef0="" data-v-c1dad078=""
class="current item"> Using injected style sheets and scripts
<ul data-v-3acd447b="" data-v-5836c190="" data-previous-
menu-children-count="3" class="nav-menu-items nav-menu-settings" data-v-
3b7b98ba=""><li data-v-c1dad078="" data-v-1a479408="" data-v-5836c190=""
class="nav-menu-item nav-menu-setting language-container nav-menu-item--
animated" data-v-3acd447b=""><div data-v-1a479408="" data-v-c1dad078=""
class="language-toggle-container"><select data-v-1a479408="" data-v-
c1dad078="" aria-hidden="true" tabindex="-1" class="language-dropdown
language-sizer"><option data-v-1a479408="" data-v-c1dad078=""
selected="selected">Swift</option></select><label data-v-1a479408="" data-
v-c1dad078="" for="language-toggle" class="nav-menu-setting-
label">Language:</label><select data-v-1a479408="" data-v-c1dad078=""
id="language-toggle" class="language-dropdown nav-menu-link" style="width:
6px;"><option data-v-1a479408="" data-v-c1dad078="" value="swift"> Swift
</option><option data-v-1a479408="" data-v-c1dad078="" value="occ">
Objective-C </option></select><svg data-v-7f60a732="" data-v-1a479408=""
aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-down-icon toggle-icon icon-inline" viewBox="0 0 14 14" data-v-
c1dad078=""><path data-v-7f60a732="" d="m6.94042969
10.6855469c.17089843 0 .34179687-.0683594.45800781-.198242215.2910156-
5.42089845c.116211-.11621094.1845703-.26660156.1845703-.4375
0-.35546875-.2666015-.62890625-.6220703-.62890625-.1708984
0-.328125.06835938-.4443359.17773438l-4.86718751 4.9765625-4.87402344-
4.9765625c-.109375-.109375-.26660156-.17773438-.44433594-.17773438-.355
46875 0-.62207031.2734375-.62207031.62890625
0 .17089844.06835938.32128906.18457031.4443359415.29101563
5.41406251c.12988281.1298828.28710937.1982422.46484375.1982422z"></
path></svg></div><div data-v-1a479408="" data-v-c1dad078=""
class="language-list-container"><span data-v-1a479408="" data-v-
c1dad078="" class="nav-menu-setting-label">Language:<ul data-v-
1a479408="" data-v-c1dad078="" class="language-list"><li data-v-
1a479408="" data-v-c1dad078="" class="language-list-item"><span data-v-
1a479408="" data-v-c1dad078="" data-language="swift" aria-current="page"
class="current-language"> Swift <li data-v-1a479408="" data-v-
c1dad078="" class="language-list-item"><a data-v-1a479408=""
href="/documentation/safariservices/safari_app_extensions/using_injected_style_
sheets_and_scripts?language=objc" class="nav-menu-link" data-v-
c1dad078=""> Objective-C </div><!--><li data-v-
c1dad078="" data-v-1ca2752b="" data-v-31b53fce="" class="nav-menu-item
nav-menu-setting nav-menu-item--animated" data-v-3acd447b=""><label data-
v-1ca2752b="" data-v-c1dad078="" for="version-label" class="nav-menu-
setting-label"> API Changes: </label><span data-v-1ca2752b="" data-v-


```
c1dad078="">None</span></li><!--></ul></div></div><div data-v-3b7b98ba="" class="nav-actions"><a data-v-3b7b98ba="" href="#" tabindex="-1" aria-hidden="true" class="nav-menucta"><span data-v-3b7b98ba="" class="nav-menucta-chevron"></span></a></div></div><!--></nav><div data-v-97c1bc40="" data-v-f59e0e60="" class="adjustable-sidebar-width full-width-container topic-wrapper"><div data-v-97c1bc40="" class="sidebar"><div data-v-97c1bc40="" class="aside" style="width: 137px; --top-offset-mobile: 0px; --app-height: 663px;"><div data-v-f59e0e60="" data-v-97c1bc40="" class="doc-topic-aside"><nav data-v-6bb3a4bb="" data-v-f59e0e60="" aria-labelledby=""><root>" class="navigator" data-v-97c1bc40="" style="display: none;"><div data-v-3769e00e="" data-v-aab192ac="" data-v-6bb3a4bb="" class="navigator-card"><div data-v-3769e00e="" class="navigator-card-full-height"><div data-v-14aa6277="" data-v-3769e00e="" class="navigator-card-inner"><div data-v-3769e00e="" data-v-14aa6277="" class="head-wrapper"><button data-v-3769e00e="" data-v-14aa6277="" aria-label="Close documentation navigator" class="close-card-mobile"><svg data-v-7f60a732="" data-v-3769e00e="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon sidenav-icon icon-inline close-icon" viewBox="0 0 14 14" height="14" data-v-14aa6277=""><path data-v-7f60a732="" d="M11.632 11.991c0.577 0 1.010-0.143 1.299-0.43 0.287-0.286 0.432-0.713 0.432-1.278v-6.562c0-0.565-0.145-0.991-0.433-1.28s-0.721-0.433-1.298-0.433h-9.264c-0.569 0-1 0.144-1.292 0.43s-0.439 0.714-0.439 1.283v6.562c0 0.569 0.147 0.996 0.439 1.28s0.723 0.427 1.292 0.427h9.264zM4.837 11.030h-2.43c-0.258 0-0.455-0.068-0.591-0.205s-0.206-0.34-0.206-0.609v-6.425c0-0.269 0.068-0.472 0.205-0.609s0.335-0.205 0.592-0.205h2.43v8.053zM11.593 11.030h-5.828v-8.053h5.827c0.258 0 0.458 0.068 0.598 0.205s0.211 0.34 0.211 0.609v6.425c0 0.27-0.070 0.473-0.211 0.609s-0.339 0.205-0.597 0.205zM3.791 4.963c0.091 0 0.168-0.033 0.233-0.1 0.060-0.057 0.097-0.138 0.097-0.228s-0.037-0.17-0.097-0.228l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.138-0.097 0.228s0.037 0.17 0.097 0.228l0 0c0.064 0.067 0.14 0.1 0.227 0.1h1.132zM3.791 6.379c0.091 0 0.168-0.032 0.233-0.097 0.060-0.057 0.098-0.137 0.098-0.226s-0.037-0.17-0.098-0.226l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.057-0.097 0.137-0.097 0.226s0.037 0.169 0.097 0.226l0 0c0.057 0.060 0.137 0.097 0.226 0.097 0 0 0.001 0 0.001 0h1.132zM3.791 7.796c0.091 0 0.168-0.032 0.233-0.097 0.059-0.056 0.096-0.135 0.097-0.222v-0c0-0.002 0-0.004 0-0.007 0-0.088-0.037-0.168-0.096-0.224l-0-0c-0.058-0.058-0.139-0.094-0.228-0.094-0.002 0-0.004 0-0.005 0h-1.132c-0.001-0-0.002-0-0.003-0-0.088 0-0.168 0.036-0.225 0.094l-0 0c-0.060 0.056-0.097 0.136-0.097 0.224 0 0.002 0 0.005 0 0.007l-0-0c0 0.083 0.032 0.158 0.097 0.222 0.057 0.060 0.137 0.097 0.225 0.097 0.001 0 0.001 0 0.002-0h1.132z"></path></svg></button><a data-v-3769e00e="" href="/documentation/safariservices" class="navigator-head router-link-active" id=""><root>" data-v-14aa6277=""><h2 data-v-3769e00e="" class="card-link">Safari Services </h2></a></div><div data-v-3769e00e="" data-v-14aa6277="" class="card-body"><div data-v-3769e00e="" class="vue-recycle-scroller scroller ready direction-vertical" id="sidebar-scroll-lock" aria-label="Documentation Navigator" data-v-14aa6277="" style=""><!--> <div class="vue-recycle-scroller__item-wrapper" style="min-height: 1664px;"><div class="vue-recycle-scroller__item-view" style="transform: translateY(0px);"><div data-v-354ee602="" data-v-3769e00e=""
```

id="container--196255993" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 1 of 36 symbols inside <h3 data-v-354ee602="" id="-196255993" tabindex="-1" aria-describedby="label--196255993 <root> usage--196255993" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Safari web extensions</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(32px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1462018217" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="1462018217" aria-expanded="false" aria-describedby="label-1462018217 <root> label-parent-1462018217" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-7f60a732="" transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863 c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-2.1226318-2.116699-1.6362793 C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z M1.829703-1.0804482h9.490819 c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-0.250124-0.5627792-0.5627785-0.5627792H1.829703 c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-1.3236243,1.5101-1.0804482,1.829703-1.0804482z M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343 S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809z M1.829703,3.1230259h9.490819

c-0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent-
1462018217">, containing 30 symbols<span data-v-354ee602=""
id="label-1462018217" hidden="hidden"> 2 of 36 symbols inside <a
data-v-354ee602=""
href="/documentation/safariservices/safari_web_extensions" class="leaf-link"
id="1462018217" tabindex="-1" aria-describedby="label-1462018217 <root>
label-parent-1462018217 usage-1462018217"><p data-v-53c78ce5="" data-v-
354ee602="" class="highlight">Safari web
extensions</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(64px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--196255991" class="navigator-
card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-
wrapper is-group"><span data-v-354ee602="" hidden="hidden" id="usage--
196255991"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow
or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--
></div><!--><div data-v-354ee602="" class="title-container"><!--><span
data-v-354ee602="" id="label--196255991" hidden="hidden"> 3 of 36 symbols
inside <h3 data-v-354ee602="" id="-196255991" tabindex="-1" aria-
describedby="label--196255991 <root> usage--196255991" class="leaf-
link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Content
blockers</p></h3><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(96px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--2084448147"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage--2084448147"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-
354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-
7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline"
viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699,
1.608398)"><path data-v-7f60a732=""
d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-
0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731

v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
3.4673507I3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div><div data-v-354ee602="" class="title-container"><!--
> 4 of 36
symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/creating_a_content_blocker" class="leaf-
link" id="-2084448147" tabindex="-1" aria-describedby="label--2084448147
<root> usage--2084448147"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">Creating a content
blocker</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(128px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--2010979993"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage--2010979993"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="-2010979993" aria-expanded="false" aria-describedby="label--
2010979993 <root> label-parent--2010979993" class="tree-toggle"><svg data-
v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219I5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625I-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063I4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0

.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--2010979993">, containing 4
symbols<span data-v-354ee602="" id="label--2010979993"
hidden="hidden"> 5 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfcontentblockermanager" class="leaf-link"
id="-2010979993" tabindex="-1" aria-describedby="label--2010979993 <root>
label-parent--2010979993 usage--2010979993"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFContentBlockerManager</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(160px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-499956044" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-499956044"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="499956044" aria-expanded="false" aria-
describedby="label-499956044 <root> label-parent-499956044" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
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5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""

hidden="hidden" id="label-parent-499956044">, containing 2
symbols<span data-v-354ee602="" id="label-499956044"
hidden="hidden"> 6 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfcontentblockerstate" class="leaf-link"
id="499956044" tabindex="-1" aria-describedby="label-499956044 <root>
label-parent-499956044 usage-499956044"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFContentBlockerState</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(192px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--196255987" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage--196255987"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--196255987" hidden="hidden"> 7 of 36 symbols inside <h3
data-v-354ee602="" id="-196255987" tabindex="-1" aria-describedby="label--
196255987 <root> usage--196255987" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Safari app
extensions</p></h3><!--></div></div></div><div class="vue-
recycle-scroller__item-view" style="transform: translateY(224px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-1071767106"
class="navigator-card-item expanded" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage-1071767106"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="1071767106" aria-expanded="true" aria-describedby="label-
1071767106 <root> label-parent-1071767106" class="tree-toggle"><svg data-
v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron rotate" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219.5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-.5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-
icon icon-inline" viewBox="0 0 14 14"><title
data-v-7f60a732="">Collection</title><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793

C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343
S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-
1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent-
1071767106">, containing 16 symbols<span data-v-354ee602=""
id="label-1071767106" hidden="hidden"> 8 of 36 symbols inside <a
data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions"
class="leaf-link router-link-active bolded" id="1071767106" tabindex="-1" aria-
describedby="label-1071767106 <root> label-parent-1071767106 usage-
1071767106"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">Safari app
extensions</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(256px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-1831401504"
class="navigator-card-item" style="--nesting-index: 1;"><div data-v-
354ee602="" class="head-wrapper is-group"><span data-v-354ee602=""
hidden="hidden" id="usage-1831401504"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><!--></div><!--><div data-v-354ee602=""
class="title-container"><!--><span data-v-354ee602="" id="label-
1831401504" hidden="hidden"> 1 of 16 symbols inside <h3 data-v-
354ee602="" id="1831401504" tabindex="-1" aria-describedby="label-
1831401504 1071767106 usage-1831401504" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Essentials</p></h3><!--
></div></div></div></div><div class="vue-recycle-scroller__item-view"
style="transform: translateY(288px);"><div data-v-354ee602="" data-v-
3769e00e="" id="container--920632975" class="navigator-card-item" style="--
nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"><span
data-v-354ee602="" hidden="hidden" id="usage--920632975"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-
7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-
icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"

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xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline"
viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699,
1.608398)"><path data-v-7f60a732=""
d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-
0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div><div data-v-354ee602="" class="title-container"><!--
--><span data-v-354ee602="" id="label--920632975" hidden="hidden"> 2 of 16
symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/safari_app_extensions/building_a_safari_app
_extension" class="leaf-link" id="-920632975" tabindex="-1" aria-
describedby="label--920632975 1071767106 usage--920632975"><p data-v-
53c78ce5="" data-v-354ee602="" class="highlight">Building a Safari app
extension</p></a><!--
--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(320px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-880825968" class="navigator-
card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-
wrapper"><span data-v-354ee602="" hidden="hidden" id="usage-
880825968"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow
or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><!--
--></div><div data-v-7334d1b4="" data-v-354ee602=""
class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-
7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg"
class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-
7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-

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7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 3 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/converting_a_legacy_safari_extension_to_a_safari_app_extension" class="leaf-link" id="880825968" tabindex="-1" aria-describedby="label-880825968 1071767106 usage-880825968"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Converting a legacy Safari extension to a Safari app extension</p><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(352px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--145873967" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899

c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507I3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 4 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/troubleshooting_your_safari_app_extension" class="leaf-link" id="-145873967" tabindex="-1" aria-describedby="label--145873967 1071767106 usage--145873967"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Troubleshooting your Safari app extension</p><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(384px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1831401508" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 5 of 16 symbols inside <h3 data-v-354ee602="" id="1831401508" tabindex="-1" aria-describedby="label-1831401508 1071767106 usage-1831401508" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Injected style sheets and scripts</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(416px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-571443937" class="navigator-card-item expanded" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper active">

id="usage-571443937"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 6 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/using_injected_style_sheets_and_scripts" class="leaf-link router-link-exact-active router-link-active bolded" id="571443937" tabindex="0" aria-describedby="label-571443937 1071767106 usage-571443937" aria-current="page"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Using injected style sheets and scripts</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(448px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1149704903" class="navigator-card-item expanded" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-

354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 7 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/injecting_a_script_into_a_webpage" class="leaf-link" id="--1149704903" tabindex="--1" aria-describedby="label--1149704903 1071767106 usage--1149704903"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Injecting a script into a webpage</p><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(480px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-659909509" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-

7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152zM4.3167777,3.4851911c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777zM5.8839421,6.2734375H0.9277854c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375zM5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 8 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/injecting_css_style_sheets_into_a_webpage" class="leaf-link" id="659909509" tabindex="-1" aria-describedby="label-659909509 1071767106 usage-659909509"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Injecting CSS style sheets into a webpage</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(512px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1729434440" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline" viewBox="0 0 14 14"><g data-v-7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-0.6856346,2.0242538-2.0438433V4.4254899

c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.7220149v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.2285447,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 9 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safari_app_extensions/passing_messages_between_safari_app_extensions_and_injected_scripts" class="leaf-link" id="-1729434440" tabindex="-1" aria-describedby="label--1729434440 1071767106 usage--1729434440"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Passing messages between Safari app extensions and injected scripts</p><!--></div></div></div></div><div class="vue-recycle-scroller_item-view" style="transform: translateY(544px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1278639178" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan

data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 10 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariextensionhandler" class="leaf-link" id="1278639178" tabindex="-1" aria-describedby="label-1278639178 1071767106 usage-1278639178"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariExtensionHandler</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(576px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1663166037" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-1663166037" aria-expanded="false" aria-describedby="label--1663166037 1071767106 label-parent--1663166037" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 2 symbols 11 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariextensionmanager" class="leaf-link" id="-1663166037" tabindex="-1" aria-describedby="label--1663166037 1071767106 label-parent--1663166037 usage--1663166037"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariExtensionManager</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(608px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1841151560" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"><span data-v-

```
354ee602="" hidden="hidden" id="usage-1841151560"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="1841151560" aria-expanded="false" aria-
describedby="label-1841151560 1071767106 label-parent-1841151560"
class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-
7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-1841151560">, containing 2
symbols</span><span data-v-354ee602="" id="label-1841151560"
hidden="hidden"> 12 of 16 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sfsafariextensionstate" class="leaf-link"
id="1841151560" tabindex="-1" aria-describedby="label-1841151560
1071767106 label-parent-1841151560 usage-1841151560"><p data-v-
53c78ce5="" data-v-354ee602=""
class="highlight">SFSafariExtensionState</p></a><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(640px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container-868089" class="navigator-card-item" style="--nesting-index:
1;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-868089"> To navigate the symbols,
press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-
354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-
1" aria-labelledby="868089" aria-expanded="false" aria-describedby="label-
868089 1071767106 label-parent-868089" class="tree-toggle"><svg data-v-
7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
```


5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063|4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 5 symbols 13 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafaripageproperties" class="leaf-link" id="868089" tabindex="-1" aria-describedby="label-868089 1071767106 label-parent-868089 usage-868089"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariPageProperties</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(672px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--191954402" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-191954402" aria-expanded="false" aria-describedby="label--191954402 1071767106 label-parent--191954402" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.23242195.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625|5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063|4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon reset-circle-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><g data-v-7f60a732="" transform="translate(1.000000,

1.000000)"><rect data-v-7f60a732="" stroke="currentColor" x="0.5" y="0.5" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="8" font-weight="bold" fill="currentColor"><tspan data-v-7f60a732="" x="9.08984375" y="11">r</tspan></text><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor"><tspan data-v-7f60a732="" x="2" y="11">P</tspan></text></g></g></svg></div><div data-v-354ee602="" class="title-container">, containing 19 symbols 14 of 16 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariextensionhandling" class="leaf-link" id="-191954402" tabindex="-1" aria-describedby="label--191954402 1071767106 label-parent--191954402 usage--191954402"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariExtensionHandling</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(704px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-938871859" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 15 of 16 symbols inside <h3 data-v-354ee602="" id="938871859" tabindex="-1" aria-describedby="label-938871859 1071767106 usage-938871859" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Information property list keys</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(736px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1563072428" class="navigator-card-item" style="--nesting-index: 1;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-1563072428" aria-expanded="false" aria-describedby="label--1563072428 1071767106 label-parent--1563072428" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-

icon icon-inline" viewBox="0 0 14 14"><title
data-v-7f60a732="">Collection</title><g data-v-7f60a732=""
transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-
1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863
c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-
2.1226318-2.116699-1.6362793
C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z
M1.829703-1.0804482h9.490819
c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-
0.250124-0.5627792-0.5627785-0.5627792H1.829703
c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-
1.3236243,1.5101-1.0804482,1.829703-1.0804482z
M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-
0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343
S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-
1.2412647,3.4356809z M1.829703,3.1230259h9.490819
c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-
0.5558312-0.5627785-0.5558312H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-
1.2412647,7.6391549
c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-
0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-
1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-
0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.319
5519z"></path></g></svg></div><div data-v-354ee602="" class="title-
container"><span data-v-354ee602="" hidden="hidden" id="label-parent--
1563072428">, containing 14 symbols<span data-v-354ee602=""
id="label--1563072428" hidden="hidden"> 16 of 16 symbols inside <a
data-v-354ee602=""
href="/documentation/safariservices/safari_app_extensions/safari_app_extension
_information_property_list_keys" class="leaf-link" id="-1563072428" tabindex="-
1" aria-describedby="label--1563072428 1071767106 label-parent--1563072428
usage--1563072428"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">Safari app extension information property list
keys</p><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(768px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1973927106"
class="navigator-card-item" style="--nesting-index: 0;"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage--1973927106"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="-1973927106" aria-expanded="false" aria-describedby="label--
1973927106 <root> label-parent--1973927106" class="tree-toggle"><svg data-
v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.23242191.5.31835942-

5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1973927106">, containing 2
symbols<span data-v-354ee602="" id="label--1973927106"
hidden="hidden"> 9 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/sfsafariextension" class="leaf-link" id="-
1973927106" tabindex="-1" aria-describedby="label--1973927106 <root> label-
parent--1973927106 usage--1973927106"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFSafariExtension</p><!--></div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(800px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--1456227696" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--1456227696"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-1456227696" aria-expanded="false" aria-
describedby="label--1456227696 <root> label-parent--1456227696"
class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-
7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-

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letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1456227696">, containing 11
symbols</span><span data-v-354ee602="" id="label--1456227696"
hidden="hidden"> 10 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sfsafariapplication" class="leaf-link" id="-
1456227696" tabindex="-1" aria-describedby="label--1456227696 <root> label-
parent--1456227696 usage--1456227696"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SFSafariApplication</p></a><!--></div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(832px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--1997189102" class="navigator-card-item" style="--nesting-index:
0;"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--1997189102"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-1997189102" aria-expanded="false" aria-
describedby="label--1997189102 <root> label-parent--1997189102"
class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-
chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-
7f60a732="" d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.23242195.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1997189102">, containing 8
symbols</span><span data-v-354ee602="" id="label--1997189102"
hidden="hidden"> 11 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sfsafariwindow" class="leaf-link" id="-
```

1997189102" tabindex="-1" aria-describedby="label--1997189102 <root> label-parent--1997189102 usage--1997189102"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariWindow</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(864px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--619432428" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="label--619432428" aria-expanded="false" aria-describedby="label--619432428 <root> label-parent--619432428" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 9 symbols 12 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafaripage" class="leaf-link" id="label-parent--619432428" tabindex="-1" aria-describedby="label--619432428 <root> label-parent--619432428 usage--619432428"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariPage</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(896px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-150944389" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="label--150944389" aria-expanded="false" aria-

describedby="label-150944389 <root> label-parent-150944389" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 9 symbols 13 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafaritab" class="leaf-link" id="150944389" tabindex="-1" aria-describedby="label-150944389 <root> label-parent-150944389 usage-150944389"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariTab</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(928px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968405" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 14 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968405" tabindex="-1" aria-describedby="label--1788968405 <root> usage--1788968405" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Safari content in your app</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(960px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--574171739" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-

574171739" aria-expanded="false" aria-describedby="label--574171739 <root> label-parent--574171739" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button> </div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 20 symbols 15 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariviewcontroller" class="leaf-link" id="-574171739" tabindex="-1" aria-describedby="label--574171739 <root> label-parent--574171739 usage--574171739"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariViewController</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(992px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1259828960" class="navigator-card-item" style="--nesting-index: 0;"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">T</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 16 of 36 symbols inside <a data-v-354ee602=""

href="/documentation/safariservices/sfauthentication/session/completionhandler" class="leaf-link" id="-1259828960" tabindex="-1" aria-describedby="label--1259828960" <root> usage--1259828960"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFAuthenticationSession.CompletionHandler</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968402" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 17 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968402" tabindex="-1" aria-describedby="label--1788968402" <root> usage--1788968402" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Associated domains</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-1825936597" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-7f60a732="" transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-2.1226318-2.116699-1.6362793C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793zM1.829703-1.0804482h9.490819c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-0.250124-0.5627792-0.5627785-0.5627792H1.829703c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-1.3236243,1.5101-1.0804482,1.829703-1.0804482zM-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809zM1.829703,3.1230259h9.490819c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259zM-1.2412647,7.6391549c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549zM1.829703,7.3195519

h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-
0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.3195519z"></path></g></svg></div><div data-v-354ee602="" class="title-container"><!--> 18 of 36 symbols inside <a data-v-354ee602="" href="/documentation/xcode/supporting-associated-domains" class="leaf-link" id="1825936597" tabindex="-1" aria-describedby="label-1825936597 <root> usage-1825936597"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Supporting Associated Domains</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--456713637" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-456713637" aria-expanded="false" aria-describedby="label--456713637 <root> label-parent--456713637" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0.41015625-.0820312.56738282-.232421915.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 6 symbols 19 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfuniversallink" class="leaf-link" id="-456713637" tabindex="-1" aria-describedby="label--456713637 <root> label-parent--456713637 usage--456713637"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFUniversalLink</p><!--></div></div></div></div>

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div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1341475278" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602="" hidden="hidden" id="usage--1341475278"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">T</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container"><!--><span data-v-354ee602="" id="label--1341475278" hidden="hidden"> 20 of 36 symbols inside </span><a data-v-354ee602="" href="/documentation/bundlresources/entitlements/com_apple_developer_associated-domains" class="leaf-link" id="-1341475278" tabindex="-1" aria-describedby="label--1341475278 <root> usage--1341475278"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Associated Domains Entitlement</p></a><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968377" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper is-group"><span data-v-354ee602="" hidden="hidden" id="usage--1788968377"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--><span data-v-354ee602="" id="label--1788968377" hidden="hidden"> 21 of 36 symbols inside </span><h3 data-v-354ee602="" id="-1788968377" tabindex="-1" aria-describedby="label--1788968377 <root> usage--1788968377" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Availability</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-2144604737" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-354ee602="" hidden="hidden" id="usage-2144604737"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon icon-inline" viewBox="0 0 14 14" height="14"><path data-v-7f60a732="" d="M10.231 1c1.529 0 2.769 1.24 2.769 2.769v6.462c0 1.529-1.24 2.769-2.769 2.769h-6.462c-1.529 0-2.769-1.24-2.769-2.769v-6.462c0-1.529 1.24-2.769 2.769-2.769zM10.231 1.923h-6.462c-0.973 0-1.771 0.753-1.841 1.708l-0.005 0.138v6.462c0 0.973 0.753 1.771 1.708 1.841l0.005-0.138v-6.462c0-0.973-0.753-1.771-1.708-1.841z"></path><path data-v-
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7f60a732="" d="M5.323 10.323c-0.173 0-0.328-0.014-0.465-0.041s-0.252-0.067-0.346-0.122c-0.22-0.104-0.33-0.263-0.33-0.475 0-0.13 0.038-0.234 0.114-0.314s0.176-0.126 0.303-0.141c0.076-0.006 0.15-0.006 0.222 0 0.058 0.011 0.114 0.019 0.171 0.025s0.125 0.008 0.208 0.008c0.282 0 0.496-0.073 0.643-0.217s0.247-0.373 0.298-0.687l0.184-1.093h-1.146c-0.138 0-0.243-0.039-0.317-0.116s-0.111-0.175-0.111-0.294c0-0.126 0.037-0.227 0.111-0.303s0.179-0.114 0.317-0.114h1.277l0.162-0.979c0.102-0.623 0.319-1.081 0.654-1.373s0.806-0.438 1.412-0.438c0.169 0 0.322 0.014 0.46 0.041s0.254 0.069 0.352 0.127c0.216 0.104 0.324 0.261 0.324 0.47 0 0.13-0.038 0.235-0.114 0.317s-0.176 0.128-0.303 0.143c-0.072 0.004-0.146 0.002-0.222-0.006-0.054-0.007-0.109-0.014-0.165-0.021s-0.127-0.011-0.213-0.011c-0.278 0-0.491 0.071-0.639 0.213s-0.248 0.369-0.303 0.679l-0.135 0.838h1.238c0.138 0 0.243 0.038 0.317 0.114s0.111 0.176 0.111 0.303c0 0.119-0.037 0.217-0.111 0.294s-0.179 0.116-0.317 0.116h-1.374l-0.206 1.244c-0.104 0.62-0.323 1.077-0.656 1.371s-0.802 0.441-1.404 0.441z"></path></svg></div><div data-v-354ee602="" class="title-container"><!--> 22 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/2850318-sfsafariservicesavailable" class="leaf-link" id="2144604737" tabindex="-1" aria-describedby="label-2144604737 <root> usage-2144604737"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">func SFSafariServicesAvailable(SFSafariServicesVersion) -> Bool</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--26072545" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper">To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow<div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-26072545" aria-expanded="false" aria-describedby="label--26072545 <root> label-parent--26072545" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tsan

data-v-7f60a732="">E</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 7 symbols 23 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/sfsafariservicesversion" class="leaf-link" id="-26072545" tabindex="-1" aria-describedby="label--26072545 <root> label-parent--26072545 usage--26072545"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SFSafariServicesVersion</p><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968374" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper is-group">To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow<div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 24 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968374" tabindex="-1" aria-describedby="label--1788968374 <root> usage--1788968374" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Safari Reading List</p></h3><!--></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--832031234" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-832031234" aria-expanded="false" aria-describedby="label--832031234 <root> label-parent--832031234" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1" width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-

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anchor="middle"><tspan
data-v-7f60a732="">C</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--832031234">, containing 9
symbols</span><span data-v-354ee602="" id="label--832031234"
hidden="hidden"> 25 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/ssreadinglist" class="leaf-link" id="-
832031234" tabindex="-1" aria-describedby="label--832031234 <root> label-
parent--832031234 usage--832031234"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SSReadingList</p></a><!--></div></div></div></
div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-
9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--
102735081" class="navigator-card-item" style="--nesting-index: 0;" aria-
hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage--102735081"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-
7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-
icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-
inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-
7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">V</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--102735081" hidden="hidden"> 26 of 36 symbols inside </span><a
data-v-354ee602=""
href="/documentation/safariservices/ssreadinglisterrordomain" class="leaf-link"
id="-102735081" tabindex="-1" aria-describedby="label--102735081 <root>
usage--102735081"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">let SSReadingListErrorDomain:
String</p></a><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(-9999px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container-940000783" class="navigator-
card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-
354ee602="" class="head-wrapper"><span data-v-354ee602=""
hidden="hidden" id="usage-940000783"> To navigate the symbols, press Up
Arrow, Down Arrow, Left Arrow or Right Arrow </span><div data-v-354ee602=""
class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-
labelledby="940000783" aria-expanded="false" aria-describedby="label-
940000783 <root> label-parent-940000783" class="tree-toggle"><svg data-v-
7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.23242195.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-.5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
```

0 .21875.09570312.43066407.24609375.58789063|4.79199219 4.67578125-4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tsan
data-v-7f60a732="">E</tsan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-940000783">, containing 2
symbols<span data-v-354ee602="" id="label-940000783"
hidden="hidden"> 27 of 36 symbols inside <a data-v-354ee602=""
href="/documentation/safariservices/ssreadinglisterrorcode" class="leaf-link"
id="940000783" tabindex="-1" aria-describedby="label-940000783 <root>
label-parent-940000783 usage-940000783"><p data-v-53c78ce5="" data-v-
354ee602=""
class="highlight">SSReadingListErrorCode</p><!--></div></div></
div></div><div class="vue-recycle-scroller__item-view" style="transform:
translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e=""
id="container--940704547" class="navigator-card-item" style="--nesting-index:
0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"><span
data-v-354ee602="" hidden="hidden" id="usage--940704547"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="-940704547" aria-expanded="false" aria-
describedby="label--940704547 <root> label-parent--940704547" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219|5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625|5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063|4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-

size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-anchor="middle"><tspan data-v-7f60a732="">S</tspan></text></g></svg></div><div data-v-354ee602="" class="title-container">, containing 19 symbols 28 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/ssreadinglisterror" class="leaf-link" id="-940704547" tabindex="-1" aria-describedby="label--940704547 <root> label-parent--940704547 usage--940704547"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SSReadingListError</p><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968369" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper is-group">To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow<div data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 29 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968369" tabindex="-1" aria-describedby="label--1788968369 <root> usage--1788968369" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Miscellaneous errors</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1625823720" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="-1625823720" aria-expanded="false" aria-describedby="label--1625823720 <root> label-parent--1625823720" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-


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rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">S</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent--1625823720">, containing 23
symbols</span><span data-v-354ee602="" id="label--1625823720"
hidden="hidden"> 30 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sferror" class="leaf-link" id="-1625823720"
tabindex="-1" aria-describedby="label--1625823720 <root> label-parent--
1625823720 usage--1625823720"><p data-v-53c78ce5="" data-v-354ee602=""
class="highlight">SFError</p></a><!--></div></div></div></div><div
class="vue-recycle-scroller__item-view" style="transform: translateY(-
9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-
691530465" class="navigator-card-item" style="--nesting-index: 0;" aria-
hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-691530465"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="691530465" aria-expanded="false" aria-
describedby="label-691530465 <root> label-parent-691530465" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.2324218
8-.45800781 0-.81347656.35546875-.81347656.80664062
0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-
4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906
0
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon
navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-
hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon single-
letter-icon icon-inline" width="16px" height="16px" viewBox="0 0 16 16"><g
data-v-7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">E</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><span data-v-354ee602=""
hidden="hidden" id="label-parent-691530465">, containing 4
symbols</span><span data-v-354ee602="" id="label-691530465"
hidden="hidden"> 31 of 36 symbols inside </span><a data-v-354ee602=""
href="/documentation/safariservices/sferrorcode" class="leaf-link"
id="691530465" tabindex="-1" aria-describedby="label-691530465 <root>
label-parent-691530465 usage-691530465"><p data-v-53c78ce5="" data-v-
354ee602=""
```

```
class="highlight">SFErorCode</p></a><!--></div></div></div></div><div
class="vue-recycle-scroller__item-view" style="transform: translateY(-
9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-
1635433899" class="navigator-card-item" style="--nesting-index: 0;" aria-
hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-1635433899"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><!--></div><div data-v-
7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-
icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon single-letter-icon icon-
inline" width="16px" height="16px" viewBox="0 0 16 16"><g data-v-
7f60a732="" stroke="none" stroke-width="1" fill="none" fill-
rule="evenodd"><rect data-v-7f60a732="" stroke="currentColor" x="1" y="1"
width="13" height="13" rx="3"></rect><text data-v-7f60a732="" font-
size="11" font-weight="bold" fill="currentColor" x="46.5%" y="11.2" text-
anchor="middle"><tspan
data-v-7f60a732="">V</tspan></text></g></svg></div><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label-1635433899" hidden="hidden"> 32 of 36 symbols inside </span><a
data-v-354ee602="" href="/documentation/safariservices/sferrordomain"
class="leaf-link" id="1635433899" tabindex="-1" aria-describedby="label-
1635433899 <root> usage-1635433899"><p data-v-53c78ce5="" data-v-
354ee602="" class="highlight">let SFErorDomain:
String</p></a><!--></div></div></div></div><div class="vue-recycle-
scroller__item-view" style="transform: translateY(-9999px);"><div data-v-
354ee602="" data-v-3769e00e="" id="container--1788968344"
class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div
data-v-354ee602="" class="head-wrapper is-group"><span data-v-
354ee602="" hidden="hidden" id="usage--1788968344"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-
354ee602="" class="title-container"><!--><span data-v-354ee602=""
id="label--1788968344" hidden="hidden"> 33 of 36 symbols inside </span><h3
data-v-354ee602="" id="--1788968344" tabindex="-1" aria-describedby="label--
1788968344 <root> usage--1788968344" class="leaf-link"><p data-v-
53c78ce5="" data-v-354ee602=""
class="highlight">Deprecated</p></h3><!--></div></div></div></div><di
v class="vue-recycle-scroller__item-view" style="transform: translateY(-
9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-
1376190919" class="navigator-card-item" style="--nesting-index: 0;" aria-
hidden="true"><div data-v-354ee602="" class="head-wrapper"><span data-v-
354ee602="" hidden="hidden" id="usage-1376190919"> To navigate the
symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow </span><div
data-v-354ee602="" class="depth-spacer"><button data-v-354ee602=""
tabindex="-1" aria-labelledby="1376190919" aria-expanded="false" aria-
describedby="label-1376190919 <root> label-parent-1376190919" class="tree-
toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon
icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732=""
d="m4.81347656 13.1269531c.22558594
0 .41015625-.0820312.56738282-.2324219l5.31835942-
5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219
0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-
```

5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062
0.21875.09570312.43066407.24609375.5878906314.79199219 4.67578125-4.79199219
4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.58789060
.4511719.35546875.8066406.81347656.8066406z"></path></svg></button>
</div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-7f60a732="" transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-2.1226318-2.116699-1.6362793C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793zM1.829703-1.0804482h9.490819c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-0.250124-0.5627792-0.5627785-0.5627792H1.829703c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-1.3236243,1.5101-1.0804482,1.829703-1.0804482zM-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809zM1.829703,3.1230259h9.490819c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259zM-1.2412647,7.6391549c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549zM1.829703,7.3195519h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703c-0.319603,0-0.5627792,0.243176-0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.3195519z"></path></g></svg></div><div data-v-354ee602="" class="title-container">, containing 7 symbols 34 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/deprecated_symbols" class="leaf-link" id="1376190919" tabindex="-1" aria-describedby="label-1376190919"><root> label-parent-1376190919 usage-1376190919"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Deprecated symbols</p><!--></div></div></div></div><div class="vue-recycle-scoller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container--1788968342" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper is-group"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div

data-v-354ee602="" class="depth-spacer"><!--></div><!--><div data-v-354ee602="" class="title-container"><!--> 35 of 36 symbols inside <h3 data-v-354ee602="" id="-1788968342" tabindex="-1" aria-describedby="label--1788968342"><root> usage--1788968342" class="leaf-link"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">Reference</p></h3><!--></div></div></div></div><div class="vue-recycle-scroller__item-view" style="transform: translateY(-9999px);"><div data-v-354ee602="" data-v-3769e00e="" id="container-917522506" class="navigator-card-item" style="--nesting-index: 0;" aria-hidden="true"><div data-v-354ee602="" class="head-wrapper"> To navigate the symbols, press Up Arrow, Down Arrow, Left Arrow or Right Arrow <div data-v-354ee602="" class="depth-spacer"><button data-v-354ee602="" tabindex="-1" aria-labelledby="917522506" aria-expanded="false" aria-describedby="label-917522506"><root> label-parent-917522506" class="tree-toggle"><svg data-v-7f60a732="" data-v-354ee602="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon inline-chevron-right-icon icon-inline chevron" viewBox="0 0 14 14"><path data-v-7f60a732="" d="m4.81347656 13.1269531c.22558594 0 .41015625-.0820312.56738282-.2324219l5.31835942-5.19531245c.1845703-.19140625.2802734-.38964844.2802734-.63574219 0-.23925781-.0888672-.45117187-.2802734-.62890625l-5.31835942-5.20214843c-.15722657-.15039063-.34179688-.23242188-.56738282-.23242188-.45800781 0-.81347656.35546875-.81347656.80664062 0 .21875.09570312.43066407.24609375.58789063l4.79199219 4.67578125-4.79199219 4.6621094c-.15722656.1640625-.24609375.3623047-.24609375.5878906 0 .4511719.35546875.8066406.81347656.8066406z"></path></svg></button></div><div data-v-7334d1b4="" data-v-354ee602="" class="NavigatorLeafIcon navigator-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon collection-icon icon-inline" viewBox="0 0 14 14"><title data-v-7f60a732="">Collection</title><g data-v-7f60a732="" transform="translate(2.116699, 4.455566)"><path data-v-7f60a732="" d="M-1.2412647-0.767793c0.4863523,0,0.8754342-0.3890819,0.8754342-0.8684863 c0-0.4863524-0.3890819-0.8754342-0.8754342-0.8754342S-2.116699-2.1226318-2.116699-1.6362793 C-2.116699-1.1568749-1.7276171-0.767793-1.2412647-0.767793z M1.829703-1.0804482h9.490819 c0.3126545,0,0.5627785-0.2431761,0.5627785-0.5558312c0-0.319603-0.250124-0.5627792-0.5627785-0.5627792H1.829703 c-0.319603,0-0.5627792,0.2431762-0.5627792,0.5627792C1.2669238-1.3236243,1.5101-1.0804482,1.829703-1.0804482z M-1.2412647,3.4356809c0.4863523,0,0.8754342-0.3890817,0.8754342-0.8754342s-0.3890819-0.8754343-0.8754342-0.8754343 S-2.116699,2.0738943-2.116699,2.5602467S-1.7276171,3.4356809-1.2412647,3.4356809z M1.829703,3.1230259h9.490819 c0.3126545,0,0.5627785-0.2501242,0.5627785-0.5627792s-0.250124-0.5558312-0.5627785-0.5558312H1.829703 c-0.319603,0-0.5627792,0.243176-0.5627792,0.5558312S1.5101,3.1230259,1.829703,3.1230259z M-1.2412647,7.6391549

c0.4863523,0,0.8754342-0.3960299,0.8754342-0.8754344c0-0.4863524-0.3890819-0.8754339-0.8754342-0.8754339
S-2.116699,6.2773681-2.116699,6.7637205C-2.116699,7.243125-1.7276171,7.6391549-1.2412647,7.6391549z M1.829703,7.3195519
h9.490819c0.3126545,0,0.5627785-0.2431765,0.5627785-0.5558314c0-0.319603-0.250124-0.5627789-0.5627785-0.5627789H1.829703
c-0.319603,0-0.5627792,0.243176-0.5627792,0.5627789C1.2669238,7.0763755,1.5101,7.3195519,1.829703,7.3195519z"></path></g></svg></div><div data-v-354ee602="" class="title-container">, containing 2 symbols 36 of 36 symbols inside <a data-v-354ee602="" href="/documentation/safariservices/safariservices_constants" class="leaf-link" id="917522506" tabindex="-1" aria-describedby="label-917522506 <root>label-parent-917522506 usage-917522506"><p data-v-53c78ce5="" data-v-354ee602="" class="highlight">SafariServices
Constants</p><!--></div></div></div></div><!--> <div data-v-b329ee4c="" tabindex="-1" class="resize-observer"><object aria-hidden="true" tabindex="-1" type="text/html" data="about:blank"></object></div></div><div data-v-3769e00e="" data-v-14aa6277="" aria-live="polite" class="visuallyhidden"> 52 items were found. Tab back to navigate through them. </div><div data-v-3769e00e="" data-v-14aa6277="" aria-live="assertive" class="no-items-wrapper"></div></div></div></div><div data-v-3769e00e="" class="filter-wrapper"><div data-v-3769e00e="" class="navigator-filter"><div data-v-3769e00e="" class="input-wrapper"><div data-v-2a33cdf4="" data-v-3769e00e="" role="search" tabindex="0" aria-labelledby="filter-input" class="filter filter-component"><div data-v-2a33cdf4="" class="filter__wrapper"><div data-v-2a33cdf4="" class="filter__top-wrapper"><button data-v-2a33cdf4="" aria-hidden="true" tabindex="-1" class="filter__filter-button"><svg data-v-7f60a732="" data-v-2a33cdf4="" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" class="svg-icon filter-icon" height="21" width="21" viewBox="0 0 41 41" fill="currentColor"><path data-v-7f60a732="" d="M20.8,3a20,20,0,0,1,0,40,20.1,20.1,0,0,1-20-20A20.2,20.2,0,0,1,20.8,3Zm0,2.6a17.4,17.4,0,0,0,0,34.8A17.2,17.2,0,0,0,38.2,20.3,17.3,17.3,0,0,0,20.8,2.9Z"></path><path data-v-7f60a732="" d="M31.9,16a1.1,1.1,0,0,0,1.2-1.1,1.1,1.1,0,0,0-1.2-1.1H9.8a1.1,1.1,0,0,0-1.2,1.1A1.1,1.1,0,0,0,9.8,16Z"></path><path data-v-7f60a732="" d="M29,22.6a1.1,1.1,0,0,0,1.1-1.1A1.1,1.1,0,0,0,29,20.4H12.7a1.1,1.1,0,0,0-1.2,1.1,1.1,1.1,0,0,0,1.2,1.1Z"></path><path data-v-7f60a732="" d="M25.9,29.2a1.1,1.1,0,0,0,1.2-1.1A1.1,1.1,0,0,0,25.9,27H15.8a1.1,1.1,0,0,0-1.2,1.1,1.1,1.1,0,0,0,1.2,1.1Z"></path></svg></button><div data-v-2a33cdf4="" class="filter__input-box-wrapper"><!--><label data-v-2a33cdf4="" id="filter-label" for="filter-input" data-value="" aria-label="Filter" class="filter__input-label"><input data-v-2a33cdf4="" id="filter-input" placeholder="Filter" aria-expanded="false" type="text" autocorrect="off" autocapitalize="off" spellcheck="false" role="combobox" aria-haspopup="true" aria-autocomplete="none" aria-owns="suggestedTags" aria-controls="suggestedTags" class="filter__input"></label></div><div data-v-2a33cdf4="" class="filter__delete-button-wrapper"><!--></div></div><!--></div></div></div></div><div data-v-6bb3a4bb="" aria-live="polite" class="visuallyhidden"> Navigator is ready
</div></nav></div></div><div data-v-97c1bc40="" class="resize-

```
handle"></div></div><div data-v-97c1bc40="" class="content"><div data-v-
09dcf724="" data-v-f59e0e60="" class="doc-topic" data-v-97c1bc40=""><main
data-v-09dcf724="" id="main" role="main" tabindex="0" class="main"><div
data-v-1aa4701e="" data-v-09dcf724="" class="documentation-hero theme-
dark" style="--accent-color: var(--color-type-icon-teal, var(--color-figure-gray-
secondary));"><div data-v-1aa4701e="" class="icon"><div data-v-
7334d1b4="" data-v-1aa4701e="" class="NavigatorLeafIcon background-icon
first-icon"><svg data-v-7f60a732="" data-v-7334d1b4="" aria-hidden="true"
xmlns="http://www.w3.org/2000/svg" class="svg-icon article-icon icon-inline"
viewBox="0 0 14 14" style="color: var(--color-type-icon-teal);"><g data-v-
7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-
7f60a732="" d="M0.0136063,12.3984375H6.948308c1.3516788,0,2.0242538-
0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062
c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div></div><div data-v-1aa4701e="" class="documentation-
hero__above-content"></div><div data-v-1aa4701e="" class="documentation-
hero__content"><!--><div data-v-91bcffaa="" data-v-09dcf724=""
class="topictitle" data-v-1aa4701e=""><span data-v-91bcffaa=""
class="eyebrow">Article</span><h1 data-v-91bcffaa="" class="title"><span
data-v-09dcf724="" data-v-91bcffaa="">Using injected style sheets and
scripts</span><!--></h1></div><div data-v-702ae484="" data-v-
b3ef72b8="" data-v-09dcf724="" class="abstract content" data-v-
1aa4701e="">Learn how you can affect the appearance or behavior of a
webpage by using injected style sheets and
scripts.</div><!--><!--></div></div><div data-v-09dcf724=""
class="container"><div data-v-09dcf724="" class="description after-enhanced-
```

hero"><!----><!----><!----></div><div data-v-188b2b97="" data-v-09dcf724="" class="primary-content"><div data-v-702ae484="" data-v-188b2b97="" class="content"><h2 id="overview">Overview</h2><p>To add or override styles and behaviors in a webpage, you write style sheets and scripts that you then inject into your webpage to read and modify its content.</p><p></p><h3 id="2957963">Add injected style sheets</h3><p>Injected style sheets function like user style sheets, as defined by the W3C. The system adds styles in the following order:</p><p>Your Safari app extension styles</p><p>The webpage author's styles</p><p>The webpage author's styles that are declared as <code data-v-88c637be="">!important</code></p><p>Your Safari app extension styles that are declared as <code data-v-88c637be="">!important</code></p><p>At each stage, a new definition overrides any previous definition. The system adds style properties in your injected style sheets to existing page style properties, but your styles don't override existing page styles unless you declare the new ones as <code data-v-88c637be="">!important</code>.</p><p>For example, adding the following styles overrides a website using color text on a color background, and sets it to black text on a white background for a particular element:</p><figure data-v-5c8f347c="" id="2957960"><div data-v-bc35d8a4="" data-syntax="other" class="code-listing" data-v-5c8f347c=""><!----><div data-v-bc35d8a4="" class="container-general"><pre data-v-bc35d8a4=""><code data-v-bc35d8a4="">span.anElement {color:black;background:white;}</code></pre></div></div></figure><p></p><h3 id="2957962">Add injected scripts</h3><p>You can inject <code data-v-88c637be="">.js</code> files (text files that contain JavaScript functions and commands) into a webpage. The scripts in these files have access to the DOM of the webpages you inject them into. They have the same access privileges as scripts that execute from a webpage's host. Injected scripts load each time a webpage loads, so keep them lightweight.</p><p>The system injects scripts into the top-level page and any subpages with HTML sources, such as iframes. Don't assume that there's only one instance of your script per browser tab. If you don't want your injected script to execute inside iframes, preface your high-level functions with a test, as the following example shows:</p><figure data-v-5c8f347c="" id="2957961"><div data-v-bc35d8a4="" data-syntax="javascript" class="code-listing" data-v-5c8f347c=""><!----><div data-v-bc35d8a4="" class="container-general"><pre data-v-bc35d8a4=""><code data-v-bc35d8a4=""><span data-v-bc35d8a4=""

```

class="code-line-container"><span data-v-bc35d8a4="" data-line-number="1"
class="code-number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"><span class="syntax-
keyword">if</span> (<span class="syntax-variable
language_">>window</span>.<span class="syntax-property">top</span> ===
<span class="syntax-variable language_">>window</span>)</span>
{</span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="2" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"> <span class="syntax-
comment">// The containing frame is the top-level frame, not an
iframe.</span></span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="3" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4="" class="code-line"> <span class="syntax-
comment">// All non-iframe code goes before the closing
brace.</span></span></span><span data-v-bc35d8a4="" class="code-line-
container"><span data-v-bc35d8a4="" data-line-number="4" class="code-
number" style="display: none;"></span>
<span data-v-bc35d8a4=""
class="code-line">}</span></span></code></pre></div></div></figure><p
>Injected scripts have an implied namespace — you don't have to worry about
your variable or function names conflicting with those of the website author, nor
can a website author call functions in your extension. In other words, injected
scripts and scripts that you include in the webpage run in isolated worlds, with
no access to each other's functions or data.</p></div></div></div><!--
><!--><!--><section data-v-1bb3e84e="" data-v-a2aafb2a="" data-v-
09dcf724="" id="see-also" class="contenttable alt-light"><div data-v-
1bb3e84e="" class="container"><h2 data-v-1bb3e84e="" class="title">See
Also</h2><div data-v-3277df5c="" data-v-a2aafb2a="" class="contenttable-
section"><div data-v-3277df5c="" class="section-title"><h3 data-v-
3277df5c="" class="title">Injected style sheets and scripts</h3></div><div
data-v-3277df5c="" class="section-content"><!--><!--><!--><div data-v-
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o_a_webpage" class="link has-adjacent-elements"><div data-v-9d2ba25c=""
data-v-39207972="" class="topic-icon-wrapper"><svg data-v-7f60a732=""
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class="svg-icon article-icon topic-icon" viewBox="0 0 14 14"><g data-v-
7f60a732="" transform="translate(3.616699, 1.608398)"><path data-v-
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0.6856346,2.0242538-2.0438433V4.4254899
c0-0.842351-0.0979481-1.2080226-0.6203365-1.7434704L4.7542777-
0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

```


v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062

c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
3.4673507l3.761194,3.8330224H4.3167777z
M5.8839421,6.2734375H0.9277854
c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567
c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div>Injecting a script into a
webpage<!--><div data-v-39207972="" class="abstract"><div
data-v-702ae484="" data-v-39207972="" class="content">Inject a script that
you write for a Safari app extension into a webpage. </div><!--><!--><!-->
></div><!--></div><div data-v-39207972="" data-v-a2aafb2a=""
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heets_into_a_webpage" class="link has-adjacent-elements"><div data-v-
9d2ba25c="" data-v-39207972="" class="topic-icon-wrapper"><svg data-v-
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0.9812267
C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
1.6015625H0.0136063c-1.3451493,0-2.0242538,0.6921641-
2.0242538,2.0503731
v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

v3.7938433c0,0.8227613,0.4113805,1.2276118,1.227612,1.2276118h3.722014
9v5.8638062

c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911
c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
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M5.8839421,6.2734375H0.9277854

c-0.2350746,0-0.4113806,0.1763058-
0.4113806,0.3983207c0,0.2285452,0.176306,0.404851,0.4113806,0.404851h4.
9561567

c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div>Injecting CSS style sheets into a
webpage<!--><div data-v-39207972="" class="abstract"><div
data-v-702ae484="" data-v-39207972="" class="content">Add to or override
styles by injecting CSS style sheets into webpages.</div><!--><!--><!--
></div><!--></div><div data-v-39207972="" data-v-a2aafb2a=""
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etween_safari_app_extensions_and_injected_scripts" class="link has-adjacent-
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0.9812267

C4.2580094-1.490555,3.8466287-1.6015625,3.1152854-
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v9.9057837C-2.0106475,11.7193327-
1.3380729,12.3984375,0.0136063,12.3984375z M0.0593152,11.3471317
c-0.6725746,0-1.0186567-0.3591423-1.0186567-1.0121269V0.4684002c0-
0.6464552,0.346082-1.0186567,1.0251865-1.0186567h2.9057837

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9v5.8638062

c0,0.6529846-0.3460822,1.0121269-1.0251865,1.0121269H0.0593152z
M4.3167777,3.4851911

c-0.2611938,0-0.3591416-0.1044776-0.3591416-0.3656716v-
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M5.8839421,6.2734375H0.9277854

c-0.2350746,0-0.4113806,0.1763058-
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9561567

c0.2285447,0,0.3983207-0.1763058,0.3983207-
0.404851C6.2822628,6.4497433,6.1124868,6.2734375,5.8839421,6.2734375z
M5.8839421,8.5523558H0.9277854c-0.2350746,0-0.4113806,0.1828356-
0.4113806,0.4113798

c0,0.2220154,0.176306,0.3917913,0.4113806,0.3917913h4.9561567c0.228544
7,0,0.3983207-0.169776,0.3983207-0.3917913

C6.2822628,8.7351913,6.1124868,8.5523558,5.8839421,8.5523558z"></path>
</g></svg></div>Passing messages between
Safari app extensions and injected scripts<!--><div data-v-
39207972="" class="abstract"><div data-v-702ae484="" data-v-39207972=""
class="content">Communicate between your Safari app extension and injected
scripts.</div><!--><!--><!--></div><!--></div><div data-v-
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3277df5c=""><a data-v-39207972=""
href="/documentation/safariservices/sfsafariextensionhandler" class="link has-
adjacent-elements"><!--><code data-v-b8f09902="" data-v-39207972=""
class="decorated-title">class
SFSafari<wbr data-v-
b8f09902="">Extension<wbr
data-v-b8f09902="">Handler</code><!--><div data-v-
39207972="" class="abstract"><div data-v-702ae484="" data-v-39207972=""
class="content">A base class that you subclass to handle events in your Safari
app extension.</div><!--><!--><!--></div><!--></div><div data-v-
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3277df5c=""><a data-v-39207972=""
href="/documentation/safariservices/sfsafariextensionmanager" class="link has-
adjacent-elements"><!--><code data-v-b8f09902="" data-v-39207972=""
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SFSafari<wbr data-v-
b8f09902="">Extension<wbr
data-v-b8f09902="">Manager</code><!--><div data-v-
39207972="" class="abstract"><div data-v-702ae484="" data-v-39207972=""
class="content">A class that your app uses to find out the current state of a
Safari app extension.</div><!--><!--><!--></div><!--></div><div data-
v-39207972="" data-v-a2aafb2a="" class="link-block topic" data-v-
3277df5c=""><a data-v-39207972=""
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SFSafari<wbr data-v-
b8f09902="">Extension<wbr data-v-b8f09902="">State</code><!-->
><div data-v-39207972="" class="abstract"><div data-v-702ae484=""
data-v-39207972="" class="content">The state of a Safari app
extension.</div><!--><!--><!--></div><!--></div><div data-v-
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3277df5c=""><a data-v-39207972=""
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SFSafari<wbr data-v-
b8f09902="">Page<wbr data-v-b8f09902="">Properties</code><!-->
><div data-v-39207972="" class="abstract"><div data-v-702ae484=""
data-v-39207972="" class="content">An object that captures information about
a webpage. </div><!--><!--><!--></div><!--></div><div data-v-
39207972="" data-v-a2aafb2a="" class="link-block topic" data-v-
3277df5c=""><a data-v-39207972=""
href="/documentation/safariservices/sfsafariextensionhandling" class="link has-
adjacent-elements"><!--><code data-v-b8f09902="" data-v-39207972=""
class="decorated-title">protocol

SFSafari<wbr data-v-b8f09902="">Extension<wbr data-v-b8f09902="">Handling</code><!--><div data-v-39207972="" class="abstract"><div data-v-702ae484="" data-v-39207972="" class="content">A protocol for implementing event handling in a Safari app extension.</div><!--><!--><!--></div><!--></div></div></div></div></section><!--></main><div data-v-09dcf724="" aria-live="polite" class="visuallyhidden"> Current page is Using injected style sheets and scripts</div></div></div><!--></div></div><section data-v-4ba26326="" data-v-2fddaabf="" id="globalfooter-wrapper" data-v-24f4912f=""><footer data-v-4ba26326="" id="globalfooter" role="contentinfo"><nav data-v-4ba26326="" class="footer-breadory"><a data-v-4ba26326="" href="https://apple.com/" class="home breadcrumbs-home">Apple<section data-v-4ba26326="" class="breadcrumbs"><ol data-v-4ba26326="" class="breadcrumbs-list">Developer Documentation</section><div data-v-4ba26326="" id="directorynav" class="directorynav"><div data-v-4ba26326="" 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- [Security](/security/)
- [Safari & Web](/safari/)

Resources

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Support

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- [Contact Us](/contact/)
- [Bug Reporting](/bug-reporting/)
- [System Status](/system-status/)

Account

- [Apple Developer](/account/)
- [App Store Connect](https://appstoreconnect.apple.com/)
- [Certificates, IDs, & Profiles](/account/ios/certificate/)
- [Feedback Assistant](https://feedbackassistant.apple.com/)

Programs

- [Apple Developer Program](/programs/)
- [Apple Developer Enterprise Program](/programs/enterprise/)
- [App Store Small Business Program](/app-store/small-business-program/)
- [MFi Program](https://mfi.apple.com/)
- [News Partner Program](/programs/news-partner/)
- [Video Partner Program](/programs/video-partner/)
- [Security Bounty Program](/security-bounty/)
- [Security Research Device Program](/programs/security-research-device/)

Events

- [App Accelerators](/accelerator/)
- [App Store Awards](/app-store/app-store-awards/)
- [Apple Design Awards](/design/awards/)
- [Apple Developer Academies](/learn/experts/#academies)
- [Entrepreneur Camp](/entrepreneur-camp/)

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